Mysore Geological Department.

REPORT

OF THE

Chief Inspector of Mines

FOR THE YEAR

1909-10

With Statistics for the Calendar Year 1909.

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REPORT

OF THE

CHIEF INSPECTOR OF MINES IN MYSORE

FOR THE YEAR 1909-10.

A.—INTRODUCTORY.

LEASES AND LICENSES.

The number of licenses and leases granted or renewed is shown in the following statements :—

EXPLORING LICENSES.

District.	1908.	1909.	1910 January to June.	——
Bangalore ...	...	1	...	
Kolar ...	3	3	...	
Tumkur ...	...	2*	...	* One in Kunigal Taluk only.
Mysore ...	4	5	3	In 1909 one license in each of these Districts was granted with preferential right for Cerium, Thorium and Uranium.
Hassan ...	1	4	1	
Shimoga ...	2	2	...	
Kadur ...	1	3	...	
Chitaldrug ...	2	1	...	
TOTAL ...	13	21	4	

PROSPECTING LICENSES.

Mineral.	District.	1908. Number of licenses. Issued.	1908. Number of licenses. Renewed.	1909. Number of licenses. Issued.	1909. Number of licenses. Renewed.	1910 up to end of June. Number of licenses. Issued.	1910 up to end of June. Number of licenses. Renewed.
General; for all Minerals.	Kolar	1	...	...	...	...	...
	Hassan	...	11	...	...	...	...
	Shimoga	3	1	...	...	...	...
	Kadur	1	...	...	...	...	...
	Chitaldrug	4	1	...	...	...	...
Manganese.	Tumkur	1	1	...	4	...	...
	Hassan	1	...	...	...	...	...
	Shimoga	4	16	...	19	...	11
	Kadur	2	...	...	2	...	2
	Chitaldrug	11	5	...	14	...	4
Chrome.	Mysore	1	7	1	7	1	3
	Hassan	...	...	...	2	...	...
	Shimoga	...	2	...	1	...	...
	Kadur	...	1	...	...	...	...
	Chitaldrug	...	1	...	...	...	...
Mica, Asbestos and certain rare Minerals.	Tumkur	...	...	...	1	...	...
	Mysore	1	1	1	1	4	1
	Hassan	...	...	...	3	...	...
	Shimoga	2	...	1	...	...	...
	Kadur	2	...	3	...	...	...
	Chitaldrug	2	...	...	...	...	...
Gold and Copper.	Kolar	1	...	1	2	1	1
	Tumkur	1	5	...	...	...	...
	Mysore	...	...	1	...	...	..
	Shimoga	2	6	4	5	1	1
	Kadur	2	7	...	10	7	8
	Chitaldrug	...	1	...	2	...	1
Green Stone.	Shimoga	1	...	...	...	...	...
	Kadur	1	...	...	1	...	1
Corundum.	Kolar	2	...	...	2	...	2
	Tumkur	...	...	...	...	1	...
	Mysore	1	...	...	...	...	...
Lead.	Shimoga	1	...	...	...	...	...
Garnets.	Hassan	...	...	1	...	...	...
	Total ...	48	66	13	76	15	35

MINING LEASES.

Number of Leases issued.

District.	1908.	1909.	1910 up to end of June.	—
Kolar ...	1	1	13*	* Documents actually executed on 25th October 1910, but have effect from 22nd March 1910.
Mysore ...	...	1	...	
TOTAL ...	1	2	13	

The leases of the mines on the Kolar Gold Field under the management of Messrs. John Taylor and Sons terminated on the 22nd of March, 1910, and these have been replaced by fresh leases for a period of 30 years from that date. The principal feature of the new leases is the provision of an additional royalty of 2½ % on all dividends in accordance with the terms of the Memo. of Agreement of 21st December, 1901.

A portion of the Tank Block which lies between the Nundydroog and Oriental blocks was surrendered to Government under mutual agreement amongst the companies interested and the surrendered portion has been included in the new lease granted to the Nundydroog Co. This will facilitate the working of the Oriental block by the Nundydroog Co. and it is interesting to note that some very good ore has been opened up in the surrendered strip below the depth at which the Tank Block operations were suspended.

The Revised Rules for the grant of leases and licenses are now in the press and will be available shortly.

The Rules for the conduct of mining operations have been under revision during the year and are now engaging the attention of Government and may be expected to be issued during the ensuing year.

B.—GOLD MINING.

I.—Gold Production, Dividends and Royalty for the Calendar Year 1909.

The Nominal Capital of all the Companies carrying on operations in Mysore was:—

	£	s.	d.
in December 1909	2,226,000	0	0
and in December 1908	2,186,000	0	0
being an increase of ...	40,000	0	0

The amount of the above capital called and paid up was :—

in December 1909	2,076,890	1	11
and in December 1908	2,050,733	0	0
being an increase of ...	26,157	1	11

The number of companies carrying on operations during the year was ten of which—

4 paid dividends,
3 produced gold, but paid no dividends, and
3 were non-producers.

In 1908 ten Companies also were at work, of which—

4 paid dividends,
3 produced gold, but paid no dividends, and
3 were non-producers.

The total value of bullion produced—

	£	s.	d.
during 1909 amounted to	2,092,177	5	1
and during 1908	2,055,857	3	5
being an increase of ...	36,320	1	8

or an increase of 1·77 per cent. as against an increase of 0·31 per cent. in 1908.

The total amount paid in dividends—

during 1909 was	636,181	12	0
and during 1908	582,487	12	8
being an increase of ...	53,693	19	4

which is an increase of 9·22 per cent. against a decrease of 11·75 per cent. in 1908.

The total dividends paid during the year amounted to 52·63 per cent. of the paid-up capital of the dividend paying Companies or to 30·63 per cent. of the paid-up capital of all the working Companies. The corresponding figures for 1908 were respectively 48·19 per cent. and 28·40 per cent.

The Royalty due to Government on the gold won—

during the year 1909 was	103,278	9	10
as against in 1908	101,693	17	5
being an increase of ...	1,584	12	5

the increase being 1·56 per cent. as against an increase of 0·12 per cent. in 1908.

II.—Total Gold Production, Dividends and Royalty from 1882 to the end of 1909.

The total value of gold bullion produced from the commencement of mining operations is—

	£	s.	d.
Up to the end of 1908	29,657,618	8	9
and for 1909	2,092,177	5	1
Grand Total ...	31,749,795	13	10

The total dividends paid—

Up to the end of 1908	12,418,469	9	8
and for 1909	636,181	12	0
Grand Total ...	13,054,651	1	8

The total amount of Royalty which has been paid to Government is :—

Up to the end of 1908	1,469,131	14	3
and for 1909	103,278	9	10
Grand Total ...	1,572,410	4	1

III.—Gold Production for the six months ending June 30th, 1910.

NAME OF MINE.		Fine Ozs.	£ Stg.	Fine Ozs.	£ Stg.
Mysore Mine ...	Mill ...	93,761	398,484·25		
	Cyanide ...	11,788	50,099·00		
	Total ...			105,549	448,583·25
Champion Reef Mine ...	Mill ...	39,677	168,627·25		
	Cyanide ...	11,634	49,444·50		
	Total ...			51,311	218,071·75
Ooregum Mine ...	Mill ...	37,244	158,287·00		
	Cyanide ...	5,435	23,098·75		
	Total ...			42,679	181,385·75
Nundydroog Mine ...	Mill ...	35,801	152,154·25		
	Cyanide ...	3,468	14,739·00		
	Total ...			39,269	166,893·25
Tank Block Mine ...	Mill ...	...	...		
	Cyanide ...	144	612·00		
	Total ...			144	612·00
Balaghat Mine ...	Mill ...	6,868	29,189·00		
	Cyanide ...	1,277	5,427·25		
	Total ...			8,145	34,616·25
			Gross Total ...	247,097	1,050,162·25

IV.—Progress Notes.

(a) Kolar District.

The position of affairs on the Kolar Gold Field remains very much the same as at the close of the previous year and does not call for much further comment. Perhaps the most significant advance is connected with the treatment of the mill tailings, which has hitherto been of a somewhat unique character, and involved the stacking and weathering of the tailings before putting them through the cyanide treatment. Experiments have been in progress for some time on a practical scale at the Champion Reef Mine, with a view to securing a cleaner and better separation of sands and slimes by means of conical hydraulic separators, and it is believed that these will prove both economical and successful. The experimental plant separates the tailings from 50 head of stamps into coarse clean sand, a clean intermediate product of finer texture and an overflow containing the slimes. Of these three products, the coarse sand will be put through tube mills and again separated, the intermediate product which represents the bulk of the tailings will go direct to the cyanide vats, the slimes will go direct to a cyanide treatment and thence to filter-presses or some form of filter-leaf plant. I understand that the experiments have been sufficiently successful to warrant the installation of a complete plant, and it is probable that a few years will see the Kolar Gold Field equipped with tube mills and slime filters and the tailings and slimes being treated as they come from the mills, instead of after a lapse of some months which is at present occupied in the weathering process hitherto considered to be absolutely indispensable.

In connection with the question of air-blasts, which was referred to at length in last year's report, it is interesting to note that the Mining Companies on the Kolar Gold Field have now decided to provide some seismographs with a view of obtaining records of the shocks. A special observatory will be erected for this purpose, the design of which is in the hands of Mr. H. M. A. Cooke, Superintendent of the Balaghat Mine. Several instruments have already been ordered and will probably be erected and ready for use within the next twelve months.

(b) Shimoga and Kadur Districts.

In the Shimoga District, work has been carried on at the Jalagargundi Block by the New Shimoga Gold Fields, Ltd. ; a couple of shallow winzes have been sunk on the ore body from the 200 feet level and have disclosed ore of fair grade. On the whole, work has been very much hampered by influxes of water and by the fact that the whole of the work has to be carried on from a single small shaft, and progress has consequently been very slow. If a further advance is to be made, a second and somewhat larger shaft will be necessary.

At the Siddarhalli Block, under the management of the same Company, the adit, which was referred to last year as being driven south towards the position of the old working, has now reached the lode, and drives, east and west, have been opened up for a couple of hundred feet. The lode matter is a banded and crumpled mixture of chlorite and quartz schist carrying a good deal of pyrites and in places a considerable amount of graphite. Numerous assays running from 5 dwts. to 1 oz. have been obtained over a width of several feet and the prospects of opening up a considerable body of ore are encouraging.

At the Honnegudda Block, prospecting operations were continued up to February 1910, chiefly by trenches and some small pits in these trenches. Nothing was revealed giving definite results, but lode matter was met with in some places as much as 4 feet wide, averaging 4 dwts.

Work was suspended early in June 1909 on the Teak Plantation Block during the monsoon. It was intended to resume later, but operations have since been confined to other blocks.

V.—Electric Power Supply.

(a) Cauvery Power Scheme.

The supply of Cauvery Power was not interrupted during the year on account of scarcity of water; at the 30th June 1910, there were 65 Motors, aggregating 8,045 H. P., connected to the supply.

(b) Kolar Mines Power Station

The following figures have been kindly furnished by Mr. F. M. Nicholl, Chief Engineer:—

42 Motors were connected to the distribution system of this station at the 30th June, aggregating 988 H. P., driving intermittent loads, and 6 Motors, aggregating 2,100 H. P. Operating Winding Engines or Hoists, giving a total of 48 Motors for all purposes aggregating 3,088 H. P.

The percentage increase in horse power over the preceding twelve months was 13·6 %; hoisting power having increased by 20·8 %, whereas, intermittent power only by ·51 %.

The lighting load on the station remained practically stationary during the year, for although lamps were installed in new situations, metal filament lamps were used on a number of other circuits, the decreased current consumption of the latter equalising the total load.

The following were the numbers of the Board of Trade Units sold for various purposes:—

Intermittent Power.	Hoisting.	Lighting.
1,490,378	1,052,820	620,129.

Total Units sold = 3,163,327.

The amount of power sold during the twelve months under review was 18 % greater than the amount sold in the preceding year.

The present rates charged for the supply of current are as follows:—

Intermittent and Hoisting = 1¼d. per Unit.
Lighting = 2¾d. per Unit.

The average price charged for all classes of supply during the year was 1·594d. per unit.

C.—Manganese and Chrome Ores.

The position in regard to these ores remains very much the same as last year, prices being still too low to permit of much of the ore being worked. The following statements show the quantities obtained and sold.—

Manganese.

Name of Licensee.	Capital.	1908 Long tons.		1909 Long tons.		1910 January to June Long tons.	
		Collected.	Sold.	Collected.	Sold.	Collected.	Sold.
The New Mysore Manganese Co., Ld....	£150,000	49,280	51,050	...	...	...	...
The Workington Iron and Steel Co., Ld. ...	.....	...	...	19,891	*Nil.*	18,027	16,384
The Peninsular Minerals Company of Mysore, Ld. ...	Rs. 3,00,000	7,584	4,100	...	...	...	..
The Shimoga Manganese Co., Ld. ...	,, 10,00,000	6,180	6,180	3,307	419	...	...
Mr. A. Voigt	.....	...	...	12,005	...	4,699	...
The Hajee Prospecting Synd., Ld. ...	,, 1,00,000	785	785	5,535½	9,093	1,173	...
Mr. W. W. Coen ...	.....	2,560	405	900	...	300	...
Mr. C. Jambon ...	.....	500	...	241½	...	55	...
Total ...	.....	66,889	62,520	41,880	9,512	24,254	16,384

Chromite.

Name of Licensee.	1908 Long tons		1909 Long tons		January to June 1910 Long tons	
	Collected	Sold	Collected	Sold	Collected	Sold
Mr. J. Burr	610	5,309	4,727	3,320	...	...
Messrs. Dymes & Co. ...	...	622	...	...	...	...
Total ...	610	5,931	4,727	3,320	..	..

D.—INSPECTION OF MINES.

I.—General.

Inspector of Mines.

Mr. R. Bocquet, Inspector of Mines, was stationed on the Kolar Gold Field for practically the whole of the year under report with the exception of 15 days' privilege leave of absence from the 22nd February to 8th March 1910 (both days inclusive), during which period he was occupied on inspection work, investigating important accidents—fatal and serious—and with the general supervision of the work carried on in the office.

During the absence of Mr. L. H. Beckwith, Deputy Inspector of Mines, on 3 months' privilege leave, his work was carried out by Mr. Bocquet without prejudice to his own duties.

The Explosives Magazines on the field were, as usual, inspected at various times during this period and were found to conform to the provisions of the Explosives Rules the contents being in good order and correctly stored.

All prosecutions under the Mines Regulation for a breach of the Rules thereunder, whether resulting in accidents to the persons engaged in mining operations or not, were instituted and carried out by him.

Deputy Inspector of Mines.

Mr. L. H. Beckwith, Deputy Inspector of Mines, went on 3 months' privilege leave of absence from the 21st July 1909 and, in continuation thereof, the Dasara Holidays.

On returning to duty, he took over the examination of candidates for mestris and blasters certificates, for which two days a week were set apart owing to the large number of applicants. The remainder of his time was fully occupied in assisting in the work of inspection, investigation of fatal and serious accidents, both by inspection and enquiry, and enforcing the Mining Rules in conjunction with the Inspector of Mines.

Mining Assistant.

During the year in question, Mr. C. E. Suryanarayana Rau, to gain experience, was given the majority of the minor accidents to enquire into and report upon, classed as serious by the medical authorities, of which there were a large number. He proved himself quite capable of carrying out the work entrusted to him, and with more experience in this line will be able to assist in the investigation of the more important accidents that occur.

Granted that the progress shown is maintained, his services should be of considerable use to this office staff.

Certificates. The following table shows the number of examinations held and certificates granted up to the end of the year:—

YEAR.	Mestris.		Blasters.	
	Number examined.	Number passed.	Number examined.	Number passed.
1901	...	...	530	501
1902	352	302	442	355
1903 to 30th June	460	437	166	153
1903-04	1,715	1,591	280	260
1904-05	769	763	144	144
1905-06	440	424	78	74
1906-07	614	614	552	551
1907-08	747	740	1,014	1,006
1908-09	660	659	596	594
1909-10	612	600	602	573
Total ...	6,369	6,130	4,404	4,211

Duplicate tickets (discs) to the number of thirty-six were also issued to mestris and eight to blasters, who had lost the originals held by them.

In two cases, two persons were prosecuted during the official year for using tickets belonging to other certificate holders. Both were convicted and sentenced to undergo ten day's rigorous imprisonment each.

Inspection Bungalow and Office. As no separate accommodation was provided for the office of the Inspector of Mines (*vide* Government Proceedings No. 1228-9, Geological, dated 23rd October 1908) the Deputy Inspector of Mines' quarters and the office are still located in the same building. This arrangement is unsatisfactory, the space required by the office staff and for the records, specimens, library, etc., being greatly curtailed, while the Deputy Inspector has only a portion of the building at his disposal, which deprives him of much of the privacy he would otherwise enjoy.

The Inspector of Mines continued to reside in the Inspection Lodge assigned to him as his official quarters during the previous official year, while rent was levied from the 1st July 1909 on both the buildings referred to above, at the rate of 5% per mensem on the salary (including allowances) of the two officers mentioned.

II.—Labour Employed.

The number of persons employed in the Mining Industry in 1909 was 30,663 as against 32, 614 in 1908, showing a decrease of 1,951.

Of this number, 28,873 were employed in Gold mining, 1,698 in Manganese mining, 30 in Chrome mining and 62 in Mica mining.

Of the 28,873 employed in Gold mining, 556 were Europeans, 357 Eurasians and 27,960 Indians, a total of 17,612 being employed on underground work and 11,261 on surface work.

III.—Accidents.

(a) Statistics for the year 1909.

The total number of accidents reported during the year 1909 was 427 as against 431 during the year 1908.

Of these accidents:—

69	were fatal.
347	were serious.
11	were slight (including non-mining).
Total... 427	

The total number of fatal and serious accidents was therefore 416, being at the rate of 13·57 per 1,000 persons employed.

The corresponding figures for the year 1908 were 421, a rate of 12·91 per 1,000 persons employed.

Of the above 416 separate accidents :—

33 or 7·93 per cent were due to negligence.
56 or 13·46 per cent were due to recklessness.
327 or 78·61 per cent were due to unavoidable causes.

The corresponding figures for the year 1908 are :—

22 or 5·226 per cent due to negligence.
42 or 9·976 per cent due to recklessness.
357 or 84·798 per cent due to unavoidable causes.

In the 69 fatal accidents of the year, 114 persons were killed, which gives a mortality of 3·72 per 1,000 employed as against a mortality of 2·76 per 1,000 employed during the year 1908.

The death-rate in the Gold Mines, which employed the greater proportion of the labour, was 3·64 per 1,000 against 3·08 in 1908.

These figures are disappointing when compared with those of the previous year showing an increase of 0·58 per 1,000 due chiefly to the fact that in nine accidents alone, no less than 47 persons were killed, or 41·23 per cent of the total fatalities. The usual details of some of the more serious accidents are given below according to their character and whether they show any features of interest ; these include the nine accidents mentioned above.

There were 15 fatal accidents during the year which involved the loss of two or more lives, 59 persons altogether being killed in these 15 cases or 51·75 per cent. of the total number of fatalities.

Of these 15 accidents :—

6 or 40·00 per cent were due to negligence.
4 or 26·67 per cent were due to recklessness.
5 or 33·33 per cent were due to unavoidable causes.

Five of the above accidents were due to air-blasts, three to misfires and the rest to miscellaneous causes including the fall of the side of an open working from the bottom of which manganese ore was being excavated against orders ; no less than eight people were buried and suffocated in this accident alone. (A short description of this accident was given in last year's report).

Air-blasts and quakes accounted for 14 fatal accidents during the year 1909, in which the number of persons killed totalled 31 ; one accident alone accounted for no less than 12 of these fatalities and is dealt with below in the notes on accidents.

In the same period there were nine accidents due to explosives involving the loss of 14 lives, which, compared with the previous year, gives the same number of fatalities for an increase of two in the actual number of cases reported due to this cause in which persons were killed.

(*b*) Notes on Important Accidents.

The same method has been adopted regarding the statistics and notes on accidents in this report as in the one preceding it, i.e., the statistics refer to the calendar year 1909, while the notes deal with the official year 1909-10.

1.—Air-Blasts and Quakes.

Of the accidents due to this cause, from the point of view of the number of persons killed, by far the worst which has yet been recorded occurred at the Champion Reef Mine on the 15th September 1909 in a small stope below the 7th level, Ribblesdale's Shaft.

The stope, 20 feet long in a pillar double that length, had reached a depth of 26 feet below the 7th level, its average width being 3 feet and that of the quartz 1½ feet. The stope was close timbered to within 7 feet of the working face, but a couple of pieces were still required to complete the bottom row of props ; a small box filled with waste rock had been constructed from the ladderway in the centre of the stope to the shoot pass at the north end.

There were no signs of heavy ground, systematic timbering having been adopted solely as a precautionary measure. From the evidence obtained, without the slightest warning a tremendous upheaval took place accompanied by a loud report and the splitting of timbers and cracking of the surrounding rock, all lights being immediately extinguished ; the shock was both heard and felt on surface.

From the appearance of the place immediately after, as described by the Italian foreman and the hand jumper mestri, the stope looked as if it had been completely filled from end to end up to the floor of the 7th level. As there was no possible chance of getting at the men, known to be in it, from this level, the shoot pass, leading from the stope into the level below, was opened and the stuff allowed to run ; two coolies came down on the top of it slightly cut and bruised. The Italian with a timber mestri then climbed up the pass with a rope, at considerable personal risk, and found four more coolies at the top, one of whom was seriously injured ; these were all lowered safely into the level, but no more were to be seen.

After more than 60 hours' strenuous labour which was carried out under the most hazardous and trying conditions, the last of the bodies was recovered, twelve persons in all being killed. The Chief Mine Agent and all concerned deserve special commendation for the manner in which this dangerous task was accomplished.

After a portion of the debris had been cleared from the 7th level, an inspection of the stope was made, but owing to the confined area, broken rock and timbers still littering the place added to the temporary supports put in to catch up the shattered hanging-wall, it was difficult to carry out a very thorough examination. However, it was seen that the two bottom rows of props had been broken and the hanging-wall so shaken for the whole length of the lower portion of the stope, that large quantities of it had fallen, the rock burying the men just below without allowing them the slightest chance of escape.

The stope, which before was only 3 feet wide, now measured 11-12 feet across from hanging to footwall at this point, giving some idea of the effect of the quake and the amount of rock displaced.

On reaching the end of ground still standing intact, south of the stope, it was found that the quartz forming the pillar had been so crushed that it had become a friable mass, large quantities of which could be removed by hand. The rails of the tram road laid on the floor of the 7th level, immediately over the pillar, had also been raised several feet, a sure indication that the reef had been badly crushed at this point. It was impossible to find out to what extent the rest of the pillar had suffered, as the reef on both sides of it had been worked out and filled in, but it can safely be surmised that the effect was the same owing to its limited proportions.

The result of the inspection goes to show that this accident was due to the sudden fracture of the pillar of quartz then being stoped, and was not a fall of the hanging-wall on account of insufficient support. All precautions had been taken to secure the hanging-wall by timbering and filling with waste rock—measures which would have been amply sufficient under all ordinary circumstances.

The total length of the pillar being only 40 feet, it was decided to abandon stoping operations in this locality for some time to come and orders were accordingly issued to this effect.

This forms a very good example of what is defined as a quake, in contrast to the better known and more widely used term air-blast. The difference between these phenomena is described on page 32 of the Chief Inspector of Mines' Report for 1908-09, and from this it will be seen that the above is a typical case of superincumbent pressure on a portion or pillar of ground which had been left intact in the midst of a stoped out area.

There were many cases of accidents due to air-blasts, which unfortunately resulted in the loss of life, and in attempting to offer an explanation to show the difference between "quakes" and "air-blasts", one has been taken which occurred in a shaft where the superincumbent pressure due to the weight of the overlying rock could have been very small compared with that where much stoping has been done.

This occurred on the 9th September 1909, in Tennant's Incline Shaft, Champion Reef, just below the 31st level. The angle of inclination of the shaft is 60 with the horizontal and outside of the cross-cut driven from the shaft to communicate with the 31st level, no other workings existed near it, and the nearest stoping was several hundred feet above this horizon.

The shaft at this point happens to be 90 feet west of the reef in the hanging-wall; the pressure, if any existed, ought therefore to have made itself felt in the 31st level driven along the run of the reef. Instead of that, the only place affected when this air-blast took

place, the shock of which was felt at the 29th level, was the hanging-wall of the shaft, 15-feet above the sink. Here the rock was so shaken and split up, that several pieces of it fell, striking the persons clearing stuff in the sink, of whom one was killed, one seriously hurt and seven others injured.

The walls of the shaft and ends of ground had been thoroughly examined and tried for "loose," but of this there was very little, the hanging-wall being particularly sound and clean.

Although this portion of the shaft was not then timbered, yet, I am satisfied that the fall of ground was due to internal strain in the rock, which reached such a point that the air-blast took place and caused masses of it to be shaken down.

As usual the Champion Reef Mine was the greatest sufferer from these phenomena, 312 shocks being recorded during the year, of which 116 were classified as being "heavy" and 100 "very heavy," 33 doing damage to the underground workings, necessitating the carrying out of repairs of a more or less extensive character.

2.—Winding Accidents.

Rope Breaking.

Accidents due to this cause are fortunately of very rare occurrence, the quality of the ropes used being of a high standard, while systematic examination, when regularly and carefully carried out, also accounts to a large extent for the immunity enjoyed by this Field from such occurrences.

However, a disastrous accident was the result of the rope snapping while the hoisting of stuff was in progress at Rowse's Shaft, Mysore Mine, on the 27th September 1909. The skip had been filled from the 1260 foot level shoot and rung away. It had only been hoisted a short distance when it suddenly came down again and went direct to the bottom of the shaft—then sinking below the 3020 foot level—killing six persons and seriously hurting another.

The shaft is underlie throughout, the angle of inclination being about 68° from surface to the 1160 foot level, after which it gets flatter varying from 35° at the 1620 to 41° at the 2920 foot level. Doors are provided at each of the stations, which, while the hoisting of stuff is in progress from the shoot above, are supposed to be kept shut.

R. H. Cox, the stuff-miner in charge and C. Madurai, M. 2137, his mestri, state that when they started work that night, they first went to the 2920 shoot to see how much stuff was there, after which they shut the doors at the 2920 plat—put for the purpose of protecting persons working below—and then started hoisting stuff from the 2820 shoot. On finishing this, they shut the doors at the 2820 plat, cleared the 2720 shoot, then opened the doors at the 2820, shut those at the 2720 and proceeded to clear the 2620 shoot, and so on up the shaft. After shutting the doors at the 1620, they cleared the 1520 shoot and then went up to the 1260 leaving the doors at the 1620 shut; those at the 1460 were not closed, as they were not provided with counterweights.

The first trip from the 1260 resulted in the breaking of the rope, which parted at a point about 70 feet above the skip.

Directly after the accident, Cox and his mestri climbed down the shaft and found the north door at the 1620 plat smashed, the skip passing through it. At the 2920 the corresponding door was open, although he says he left it shut, while the south door was still shut; the mestri corroborated this statement in detail.

The engine—an electrical hoist—and part of the shaft were inspected the same morning. The indicator showed that the ascending skip had reached a point some 50 feet above the 1160, while in the shaft a lot of quartz had been thrown out about there on to the footwall and timbers. The rope had evidently broken when the skip was somewhere above the 1160.

The shaft was examined from the 1000 down to the 1460 foot levels. No obstruction of any description was found, nor was there any trace on the shaft timbers or runners indicating that the skip had jammed, the skip-road being in perfect order. The driver of the electric hoist states that he noticed nothing and was only aware that something had happened when the rope, instead of being tightly coiled round the drum as usual, suddenly became slack. It may be assumed from this that the skip did not get jammed in the road on this particular trip, otherwise some damage must have been done to and marks made on the wooden runners.

On going down to the 1460 foot level plat to see whether the door over the north road had been shut, it was found open and chained up and had evidently not been closed any time during the shift. From information received subsequently, it would appear that all the doors below this point had been left open at the time of the accident.

In view of Cox's statement, the door at the 1620 plat was carefully examined. It consists of two wooden runners hinged to the edge of the plat and joined together by an iron plate. The plate had been bent and torn away and another substituted; neither of the runners was in the least damaged except at the points where the iron plate had been torn away, and it is quite obvious that, had the doors been shut, one or both runners must have been smashed by the falling skip.

This was pointed out to Cox and every opportunity given him to amend his statement, but he still adhered to it even when confronted with facts which made it patent that the door must have been open when the skip passed down the shaft.

He was prosecuted for negligence, but acquitted on the assumption that the door could easily have been opened by some person or persons unknown after Cox had shut it and left the place to hoist stuff from the 1260. It was impossible to bring forward evidence to prove the contrary.

Taking the angle of the shaft into consideration at this point (35°), it is more than probable that, had the door been shut, the skip would have run out on to the plat instead of going to the bottom of the shaft and consequently no one would have been injured.

The rope was made of steel wire, 1⅛" diameter, and, when new, its breaking strain was given as 48 tons. It had been in use since September 1908, changed end for end in February 1909, and three times re-capped in May, August, and September 1909—3, 10, and 4 feet being cut off on these occasions respectively.

It is examined daily and the entry in the book made the day before the accident states, that it was in good order. The assistant engineer who examines it every week, in his report dated two days before, made a similar entry.

The rope broke 70 feet above the skip and the broken ends appeared to be sound with clean fractures and a very fair reduction of area. The wires were evenly worn on the outside but not excessively. After being put into operation, the rope had hauled just over 25,000 tons of stuff while 3600 turns of timber had been sent down; this is nothing out of the common for such a rope.

A series of tests were made on the wires of a sample of this rope taken close to the point of fracture. Those that were worn had an average breaking strain of 1172 lbs. each, and the unworn wires gave a result of practically 1 ton. There are 36 working wires (6 strands of 7 wires each; omit the central core wire of each strand) and by a close inspection of the rope, it was estimated that 3 wires in each strand were worn and 3 unworn. From the above tests, this would give a breaking strain of 27·4 tons.

The results of tests made by the College of Engineering, Madras, on a sample of the rope as a whole, taken from just above the point of separation, gave the breaking strain at 31·75 tons.

It was calculated that the maximum load, excluding friction, with a full skip at the bottom of the shaft would be about 3·35 tons.

With a breaking strain of 27·4 tons, the factor of safety works out at just over 8, while taking the breaking strain to be 31·75 tons, the factor of safety is approximately 9·5 tons.

However, when the rope broke, the skip was at, or about, the 1160 feet level where the angle of the shaft is 68°. The total load works out at this point to be 2·25 tons, which gives a factor of safety of over 12 and 14 respectively, according to the relative breaking strains quoted above.

The Mining Rules lay down that ropes used for winding persons shall have a factor of safety of not less than 10 when new, and the Transvaal Rules say that the factor of safety must not at any time be reduced below 6.

It is evident that the rope in question was still strong enough to satisfy the requirements for winding persons, which are naturally more exacting than when stuff only is being hoisted, which was the case at Rowse's shaft,

So far as one can tell therefore the rope was amply good enough for its work and had been properly and carefully looked after, and, although it is impossible to be certain in such matters, the evidence points strongly to some other cause than failure of the rope under working conditions.

The only conclusion to arrive at is, that the skip, for some unknown reason, got hitched against something a little above the 1160 level, though no trace or marks could be found of its having done so, and that, as the hoist continued working, it snapped the rope. As stated before, the engine driver noticed no unusual strain, but as the hoist is worked by an electric motor, this can be accounted for, as it is possible he would not notice a strain to the same extent as in the case of a steam-engine.

How the skip got hitched up, if such a thing happened, is a mystery. The road and shaft timbers were in very good order, while 68 skips of stuff had already been safely hoisted that night before the accident took place.

In the shaft itself doors are provided, and had they been closed as they ought to have been, and as they are stated to have been, the falling skip would, in all probability, have been thrown out of the shaft and the loss of life averted.

3.—Miscellaneous.

Of the accidents due to explosives causing fatalities, all were proved to be the result of either recklessness or negligence on the part of the mestris and blasters concerned. The persons responsible, if not killed, were either prosecuted and fined, or had their certificates suspended, according to the merits of the case. The latter appears to be the best method of punishment, as the men are reduced to the rank of an ordinary cooly and consequently get less pay.

No comment is necessary on the accidents themselves.

IV.—Prosecutions.

(*a*) In connection with thefts, etc., of Mining materials.

The following statement shows the number of cases dealt with during the year 1909 as compared with 1908, by the Assistant Commissioner and First Class Magistrate, Kolar Gold Field, in connection with thefts and illegal possession of mining materials under Section 6 of the Mysore Mines Regulation :—

Year.	Number of cases.	Number of persons put up.	Number of persons convicted.	Value of property recovered.
				Rs. A. P.
1909	188	270	213	2,630 14 4
1908	117	169	116	3,825 5 7

The following table shows the various kinds of mining materials in respect of which prosecutions were instituted during the year 1909 :—

Kinds of Material	Number of offences dealt with.	Number of persons charged in each case.	Number of convictions.	Value of property recovered.
				Rs. A. P.
Gold quartz ..	82	110	83	879 4 0
Auriferous tailings	25	56	46	90 10 0
Mercury	2	4	1	0 6 0
Amalgam ...	7	12	9	73 0 0
Sponge gold	7	9	6	1,143 2 0
Bar gold	4	5	3	19 8 0
Cyanide gold	..	..	...	...
Iron pyrites	...	.	...	...
Explosives	10	12	10	97 5 0
Explosives* .		...	...	2 4 1
Tools	36	48	39	310 15 6
Wood ..	17	21	20	11 4 0
Candles	4	3	3	3 3 9
Total ..	194	280	220	2,630 14 4

* Explosives found by the Police and confiscated in Court, but for which no person was chargeable.

(*b*) In connection with Accidents, Breach of Rules, etc.

The following is a comparative statement for the three years 1907, 1908 and 1909 :—

	1909	1908	1907
Number of cases	37	37	33
Number of persons put up	41	40	38
Number of persons convicted	29	34	29
Number of persons acquitted	11	4	8
Number of persons discharged...	..	2	...
Number of persons not found	...	...	...
Number of cases pending	1	...	1

Of the above, 10 cases were put up under the Indian Penal Code and 27 under the Mysore Mines Regulation. The penalties in the cases of conviction ranged from fines of Rs. 2 to Rs. 75 and imprisonment from 10 days to one year.

During the year, 17 persons were prosecuted for breach of the provisions of the Mines Regulation and Rules thereunder in cases resulting in accidents; 10 persons were convicted, 6 were discharged and 1 absconded.

In two cases not resulting in accidents, 2 persons were prosecuted and both were convicted for a breach of the above Rules.

For less serious offences, 41 persons were departmentally punished by the Superintendents of the various Mines as recommended by the Chief Inspector and Inspectors of Mines. The penalties inflicted ranged from fines to dismissal, while in minor cases a warning was considered sufficient.

E.—A BRIEF REPORT ON THE WORKING OF THE KOLAR GOLD FIELD POLICE FOR THE YEAR 1909-10.

(KINDLY COMMUNICATED BY MR. S. M. PRITCHARD, SUPERINTENDENT OF POLICE).

During the year under report I have been in charge of the Circle except for a period of absence on privilege leave from the 3rd May to the 6th June (both days inclusive), during which time Mr. C. Venkata Rao, Superintendent of Police, Kolar District, officiated for me.

There was no change in the constitution, except in the grade of Prosecuting Inspector, or armament of the force during the year.

Beats, Patrols and Co-operation of the Police with the Mines Watchmen.

The system of beats and patrols has worked satisfactorily with the aid of the Mines Watch Establishment under Mr. A. R. Jones, which continues to maintain a high state of efficiency.

ALLOCATION.

The subjoined statement gives the details of the force (Gold Field and Bowringpet Taluq) as it stood on the last day of the year and on the last day of the previous year.

Year.	Inspectors.	Head Constables.	Serjeants and Duffadars.	Constables.	Recruits.
1908-09	11	15	11	236*	10
1909-10	11	15	11	233	10

* And one Drill Instructor.

CRIME.

The appended statement shows the crime dealt with during the year 1909-10 on the Gold Field.

It will be noticed that there is an improvement in all percentages under the various heads, viz: convictions to true cases, persons convicted to, arrested and recovery of property as compared to last year, which is satisfactory.

There was one case of culpable homicide during the year against the same for the previous year.

There has been one case of dacoity and three cases of robbery as against two and six respectively for last year.

Under Sections 457 and 380 I.P.C. (House-breaking and Theft) there is also a large falling off, viz. 99 cases this year as compared to 137 last year, which is satisfactory and argues better preventive action, but the number of cases convicted still remains poor. The difficulty of bringing this class of case to detection on the Gold Field is largely due to the floating nature of the population.

Offences under Section 379 I.P.C. (Theft), are 258 as compared with 218 for last year. They were very well handled, as many as 63 per cent. ending in conviction and 65 per cent. of property being recovered.

Of offences under Section 411 I.P.C. (Receiving Stolen Property), there is a decrease of 19 cases the figures being 52 for this year as against 71 last year.

The cases of theft of Mining Materials (Receiving Stolen Property and Mines Regulation), amount to 105 with a recovery of property worth Rs. 2,722-2-4 against 112 cases with a recovery of property of Rs. 2,583-3-3. The number of persons convicted under these heads amount to 92 against 117 in the preceding year. To give some idea of the class of case under the Mining Regulation, the value of property in 53 cases was only Rs. 141-15-0. This is due to the vigilance of the Mines Watch Establishment and the increased preventive measures adopted by all the Companies on the Gold Field.

In the Detective Department the expenditure for the year was Rs. 11,862-3-4 against Rs. 12,527-3-8 in the previous year.

18 cases were taken up by this Department during the year of which 12 ended in conviction, 5 discharged or acquitted and one dropped, as against 28 cases, 24 convictions and 3 acquittals in the previous year. 31 persons were arrested of whom 17 were convicted, 13 acquitted or discharged and one dropped and property valued at Rs. 667-9-0 was recoverd.

There was a decrease both in the number of cases dealt with and detected and in the value of property. The only important cases in the Detective Department were (1) Theft of amalgam by an European ex-soldier named Peterson who was sentenced to three months' rigorous imprisonment and (2) The arrest of a jutka driver in the act of melting gold worth Rs. 400 who was sentenced to suffer one year's rigorous imprisonment.

One of the principal features of the year's work was the increased activity in working Section 17 of the Mysore Mines Regulation regarding undesirable characters. It is proposed to continue this action vigorously and a very perceptible decrease in crime should follow.

Grave Crimes of 'A' and 'B' Divisions for the year 1909-10.

Serial No.	SECTIONS OF LAW.	Cases.					Persons.			Property.							Remarks.
		Reported.	Disposed on B form or refused investigation.	Total true cases.	Convicted or detected.	Percentage of convictions to true cases.	Arrested.	Convicted.	Percentage of conviction to arrest.	Lost.			Recovered.			Percentage of recovery of property.	
										RS	A.	P.	RS.	A.	P		
1	Murder. Sec. 302, I.P.C. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	
2	Culpable Homicide	1	..	1	1	100	4	2	50%	..	..	..	..	..	..	..	
3	Dacoity. Sec. 395, I.P.C. ..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	
4	Robbery. Sec. 392, I.P.C. ..	5	2	3	..	..	5	..	..	169	0	0	112	0	0	66·2	
5	House-breaking and Theft, Secs. 454 and 380, I.P.C. ..	106	7	99	15	15·1	51	25	49·01	5,611	12	6	1,455	15	3	25·9	
6	Theft. Secs. 379 to 382, I.P.C.	267	9	258	161	63·4	256	201	78·5	4,495	13	10	2,939	7	1	65·3	
7	Receiving Stolen Property ..	52	..	52	39	74·6	62	46	74·1	2,639	13	7	2,580	3	4	97·7	
8	Mining Regulation ..	53	..	53	43	81·1	56	46	82·1	141	15	0	141	15	0	100	
9	Criminal Secs. of C.P.C. ..	4	..	4	3	75	22	9	40·9	..	..	..	..	..	..	..	
	Total for 1909-10 ..	489	18	471	262	55·6	456	329	72·1	13,058	6	11	7,229	8	8	55·3	
	Total for 1908-09 ..	507	27	480	248	51·6	515	319	61·9	16,419	2	0	8,076	5	6	49·1	
	Total for 1907-08 ..	524	61	463	177	38·2	527	236	44·7	15,802	6	0	4,740	13	5	28·09	

F.—SUMMARY OF THE WORK OF THE SANITARY BOARD, KOLAR GOLD FIELD, FOR THE YEAR 1909-10.

(KINDLY COMMUNICATED BY MR. P. F. BOWRING, VICE-PRESIDENT).

I. Personnel of the Board.

The Board consisted of six ex-officio and six non-official members at the commencement of the year, but on the appointment of a Health Officer to the Fields, the number of ex-officio members was raised to seven, with a corresponding increase in the non-official members.

II. Number of Meetings held.

Five ordinary meetings were convened during the year, and the average attendance of ex-officio and non-official members at each meeting was better, being 5 and 5 respectively against 5·3 and 3·8 in the preceding year.

III. Financial Position.

The year opened with a balance of Rs. 52,810. The receipts amounted to Rs. 71,986, while the expenditure, including a sum of Rs. 2,185 adjusted by the Comptroller towards the repayment of loan, aggregated Rs. 61,589, leaving a closing balance of Rs. 63,207 at the end of the year

IV. Mohatarfa.

The amount collected during the year was Rs. 14,744 against Rs. 9,922 of the previous year, when collections were small owing to scarcity.

V. Market Collections.

The receipts were Rs. 29,743 against Rs. 30,646 of the previous year or an apparent decrease of Rs. 903, due to "Rents from butcher stalls" being separated from this head, which on that account, showed an increase of Rs. 1,670 over the previous year's collections.

VI. Slaughter House Collections.

The Slaughter houses continued to be worked by departmental agency at a monthly cost of Rs. 115. The collections during the year were Rs. 10,871 against Rs. 11,431 of the preceding year.

VII. Expenditure.

The expenditure under all heads was Rs. 61,589 or Rs. 6,044 less than in the previous year, the largest decrease being under "A. Public works executed by the Public Works Department."

VIII. Public Works.

No new works—either Original or Repairs—were undertaken during the year.

A sum of Rs. 5,277 was expended during the year towards the actual pumping and maintenance charges of the Robertsonpet Water Supply, in pursuance of orders conveyed in Government Proceedings No. 584-7/ L.B. 1-10-2, dated the 20th July, 1910.

A sum of Rs. 1,289 was placed to the credit of the Sanitary Department for completing the drains in a block which had been omitted in the original estimate of the Robertsonpet Drainage Scheme.

The total outlays towards Public Works—Original and Repairs—executed by the Sanitary Board were Rs. 9,671 and Rs. 5,517 respectively against Rs. 11,165 and Rs. 5,374 respectively for the preceding year.

IX. Civil Charges.

Rs. 39,725 were expended under Civil Charges during the year, against Rs. 39,576 of the previous year, in spite of (i) increased horse allowance of Rs. 20 each to all the Sanitary Inspectors in lieu of the old scale of Rs. 10 each, (ii) grant of a similar horse allowance of Rs. 20 to the Chief Sanitary Inspector who was getting none before, and (iii) the general revision of the Conservancy establishment and increase of sixteen sweepers at Rs. 8 each and three mestries at Rs. 11 each per mensem. The salaries of the former twelve mestries were increased by Re. 1 each per mensem and all the Sanitary Inspectors were also given their increments as they accrued.

X. Cases preferred under Village Sanitation Rules.

Out of 24 persons placed before the Magistrate, 8 were discharged and 16 convicted, against 32 persons tried and 27 convicted in the previous year—the amount of fines levied being Rs. 71 against Rs. 76 of the previous year.

XI. Vaccination.

The two temporary vaccinators maintained by the Board were kept on during the year in addition to the two permanent men, and the number of persons vaccinated by the four vaccinators was 17,636 against 16,248 in the previous year.

On a representation by the Board, that compulsory vaccination be introduced as a permanent measure in the area under the control of the Board, the Government have since declared in their Notification No. 1436/ San: 193-09-5, dated the 11th August 1910, that vaccination shall be compulsory within the Sanitary Board area for a period of five years from the date of the notification.

The mortality from smallpox was 39 against 25 in the previous year, due to some extent to a sharp outbreak in Stevens' Camp, where, at the commencement, several cases remained undetected. But an epidemic was averted by adoption of prompt and stringent measures.

XII. Vital Statistics.

There were in all 2,357 births against 1,954 deaths, while the corresponding figures for the previous year were 1,690 and 1,666 respectively, the great variations, in spite of the absence of any epidemic, being due to more accurate registration and better maintenance of the records connected with this subject.

XIII. Water Supply.

Continuous supply of Bethamangala water was provided for the residents of Robertsonpet, consequent on the filling of the Bethamangala Water Supply Reservoir.

In the villages, the main source of water supply is still from wells and three more new wells were sunk while four old ones were deepened, besides effecting some petty repairs to a few others.

XIV. Lighting.

The Kolar Gold Field Main Road was lit with electricity and the lamps kept burning every night from 7 p.m. to 1 a.m., the actual cost thereof together with establishment and sundry other charges amounting to Rs. 962 for the whole year. Robertsonpet, Oorgaum village and the adjoining Cooly Colonies were, as hitherto, lit with kerosene lamps.

XV. Conservancy.

The conservancy of the villages as well as of the Cooly Colonies was attended to by the Board's Sanitary Staff, while that of the Mining area was, as hitherto, under the management of the Mining authorities under the efficient control of the Chief Medical Officer of the Mines.

XVI. Public Health.

Public health was generally good throughout the year, except for the few cases of small-pox, already referred to, at Stevens' Camp in January and February last.

For the first time within the past decade, there was happily perfect freedom from Plague and Cholera, while "Food Enteritis" was limited only to a few isolated cases.

XVII. General Remarks.

There was a small outbreak of anthrax among the cattle at Nundydroog in February last, and several cases of sheep pox occurred in the villages of Chinkote and Ajjampalli. There were also a few sporadic cases of Rinderpest during the year, but all these were arrested in their progress by timely precautions and the prompt visits of the Inspector of Cattle Diseases to the Fields with two of his assistants.

The draft bye-laws for the management of the Slaughter Houses and maintaining the Sanitation of the Robertsonpet Market, submitted to Government, were sanctioned and published on the 14th May, 1910, as rules framed by Government under the Mysore Mines Regulation IV of 1906.

In conclusion, it may be said that in all respects the year under report has been a favourable one.

R. BOCQUET,

Offg. Chief Inspector of Mines in Mysore.

STATEMENT OF CAPITAL EMPLOYED, &c., IN GOLD MINES WORKING

1908

NAME OF MINING COMPANY.	Nominal Capital. £ Stg.	Shares. Number issued.	Shares. Par Value. Shillings.	Shares. December Prices.		Paid-up Capital. Per Share. Shillings.	Paid-up Capital. Total. £ Stg.	Dividends Paid. Amount. £ Stg.	Dividends Paid. Percentage of Paid-up Capital.	Value of Bullion Produced. £ Stg.	Royalty paid to Government. £ Stg.	Nominal Capital. £ Stg.
A.												
DIVIDEND PAYING.												
The Mysore Gold Mining Company, Limited	305,000	610,000	10	$4\frac{11}{16}$	$4\frac{13}{16}$	10	305,000-0-0	350,055-12-0	115	848,145-13-7	42,016-11-1	305,000
The Champion Reef Gold Mining Company of India, Limited ..	260,000	2,080,000	2/6	6/	6/6	2/6	260,000-0-0	(b) 52,000-0-0	20	458,481-5-3	22,714-8-2	260,000
The Ooregum Gold Mining Company of India, Limited ..	Ord. 290,000	481,544	10	13/6	14/6	10	240,772-0-0	54,173-14-0	$22\frac{1}{2}$	329,317-17-8	16,319-8-5	Ord. 290,000
	Pref. 120,000	240,000	10	$1\frac{1}{32}$	$1\frac{3}{32}$	10	120,000-0-0	39,000-0-0	$32\frac{1}{2}$			Pref. 120,000
The Nundydroog Company, Limited	283,000	566,000	10	25/6	26/6	10	283,000-0-0	87,258-6-8	$30\frac{4}{5}$	(c) 303,884-3-5	15,076-13-10	283,000
Total ..	1,258,000	3,977,544	..	..	..	..	1,208,772-0-0	582,487-12-8	48·19	1,939,828-19-11	96,127-1-6	1,258,000
Increase for 1909 ..												..
Decrease for 1909 ..												..
B.												
PRODUCING GOLD BUT NOT PAYING DIVIDENDS.												
The Balaghat Gold Mining Company, Limited	Ord. 212,600	212,600	20	4/9	5/3	20	212,600-0-0	..	..	107,250-5-2	5,312-2-9	Ord. 212,600
	Pref. 95,400	95,400	20	$\frac{11}{16}$	$\frac{13}{16}$	20	95,400-0-0					Pref. 95,400
The Mysore West Gold Company, Limited	150,000	130,461	20	/6	1/-	19	124,033-19-0	..	..	(e) 4,388-19-2	(f) 127-6-7	150,000
The Mysore Wynaad Gold Company, Limited	150,000	130,876	20	/6	1/-	19	124,851-1-0	..	..	(e) 4,388-19-2	(f) 127-6-7	150,000
Total ..	608,000	569,337	..	..	..	..	556,885-0-0	..	..	116,028-3-6	5,566-15-11	608,000
Increase for 1909 ..												..
Decrease for 1909 ..												..
C.												
WORKING BUT NOT PRODUCING GOLD.												
The New Kempinkote Gold Field, Limited (h)	240,000	960,000	5	/3	/6	5	240,000-0-0	..	..	..	..	240,000
The Shimoga Gold Fields, Limited (i)	60,000	60,000	20	..	..	10	30,000-0-0	..	..	..	..	100,000
The Nanjangud Gold Field, Limited (k)	20,000	22,614	13/4	..	..	13/4	15,076-0-0	..	..	..	..	20,000
Total ..	320,000	1,042,614	..	..	..	..	285,076-0-0	..	..	..	..	360,000
Total of A, B & C	2,186,000	5,589,495	..	..	..	..	2,050,733-0-0	582,487-12-8	28·40	2,055,857-3-5	101,693-17-5	2,226,000
Increase for 1909 ..												40,000
Decrease for 1909 ..												..

N THE STATE OF MYSORE FOR THE YEARS 1908 AND 1909.

Table I.

1909

Shares.				Paid-up Capital.		Dividends Paid.		Value of Bullion Produced. £ Stg.	Royalty paid to Government. £ Stg.	Total Dividends paid up to date. £ Stg.
Number issued.	Par Value. Shillings.	December Prices.		Per Share. Shillings.	Total. £ Stg.	Amount. £ Stg.	Percentage of Paid-up Capital			
610,000	10	$5\frac{3}{16}$	$5\frac{5}{16}$	10	305,000-0-0	350,750- 0-0	115	894,834-12-11	44,341-19-10	(a) 5,935,094- 2- 2
2,080,000	2/6	9/3	10/3	2/6	260,000-0-0	(b) 52,000- 0-0	20	432,551- 6- 1	21,430-18- 6	3,585,633- 1-10
481,544	10	20/6	21/6	10	240,772-0-0	72,231-12-0	30	349,012- 4- 8	17,293-14- 5	1,715,355-12- 6
240,000	10	$1\frac{3}{8}$	$1\frac{7}{16}$	10	120,000-0-0	48,000- 0-0	40			
566,000	10	27/-	28/-	10	283,000-0-0	113,200- 0-0	40	326,470- 4-10	16,198- 4- 9	(d) 1,540,535- 1- 6
3,977,544	..	..	..	..	1,208,772-0-0	636,181-12-0	52·63	2,002,868- 8- 6	99,264-17- 6	12,776,617-18- 0
..	..	..	..	..	..	53,693-19-4	4·44	63,039- 8- 7	3,137-16- 0	..
..	..	..	..	..	..	..	..	..	..	..
212,600	20	4/6	5/6	20	212,600- 0-0	..	..	81,028- 8- 0	4,013-12-4	227,800- 6-3
95,400	20	$\frac{5}{16}$	$\frac{7}{16}$	20	95,400- 0-0					
130,461	20	1/3	1/9	19	124,033-19-0	..	..	(g) 4,140- 4- $3\frac{1}{2}$	..	9,784-11-6
130,876	20	/6	1/-	19	124,851- 1-0	..	..	(g) 4,140- 4- $3\frac{1}{2}$	..	9,815-14-0
569,337	..	..	..	..	556,885- 0-0	..	..	89,308-16- 7	4,013-12-4	247,400-11-9
..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	26,719- 6-11	1,553- 3-7	..
960,000	5	$/1\frac{1}{2}$	$/4\frac{1}{2}$	5	240,000- 0- 0	..	..	..	..	..
57,515	20	..	..	20	(j) 55,088- 8- 7	..	..	..	..	..
24,217	13/4	..	..	13/4	16,144-13- 4	..	..	..	..	..
1,041,732	..	..	..	..	311,233- 1-11	..	..	..	..	..
5,583,613	..	..	..	..	2,076,890- 1-11	636,181-12-0	30·63	2,092,177-5-1	103,278- 9-10	* 13,054,681- 1-8
..	..	..	..	..	26,157- 1-11	53,693-19-4	2·23	36,320-1-8	1,584-12- 5	636,181-12-0
882										

REMARKS.

(a) In addition this Company paid as dividends in 1889 a sum of £87,500, being the realization by sale of property to the Champion Reef Company.

(b) Dividends are for the year ending 30th September.

(c) Includes a sum of £66-1-8 value of gold obtained from trial crushings of ore from Ajjanhalli Mine belonging to Indian Mines Syndicate, Ld., and worked by the Nundydroog Co., under an option agreement, and also a sum of £10-9-7 received from Kolar Gold Field Mining Board.

(d) Includes £140,652-19-10 paid by the Nundydroog Gold Mining Co., Ld.

(e) Includes £ 26-4-2, proceeds from slags.

(f) This amount is only for the first six months of 1908.

(g) These Companies obtained on 14th October 1908 a fresh Mining Lease under th Rules of March 1904, and under these Rules no royalty is payable to Goverr ment so long as the mining operations do not result in net profits to th Company.

(h) Particulars furnished for 12 months ending 30th September.

(i) This Company was changed into "The New Shimoga Gold Fields, Ld.", and w formed into an English Co. during 1909. (j) Including £2426-11-5 calls in arre

(k) This is an Indian Company and the shares are in Indian currency. For co venience the figures are converted into sterling.

* Including £30,662-11-11 dividends paid by the Coromandel Gold Mining Co. India, Ld.

MAC

IN USE AT THE MINES IN THE

S

NAME AND SITUATION OF MINE.	STEAM POWER.																			
	Boilers.						Steam Engines.													
	Number.		Aggregate area and Capacity (of those in use).				Winding and Hauling.		Pumping.		Crushing.		Air Compression.		Locomotives.		For other purposes.			
	Total.	In use.	Grate Area. Sq. Feet.	Heating Surface. Sq. Feet.	Maximum Evaporative Capacity. Gallons Per Hour.	Actual Evaporation. Gallons Per Hour.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Total Maximum H. P.	Inc Number.
. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	84	30	633·45	23,362·32	13,155·00	6,565·00	12	3,880	7	..	1	40	6	1,510	3	80	6	515	6,025	1,386
1. The Champion Reef Gold Mine, do. do. ..	26	17	552·00	14,453·00	8,379·00	4,222·00	7	3,744	2	..	..	..	2	..	..	..	5	727	4,471	1,275
3. The Ooregum Gold Mine, do. do. ..	71	21	862·50	19,581·90	..	..	6	1,289	5	..	..	..	1	..	..	..	2	250	1,539	771
4. The Nundydroog Gold Mine, do. do. ..	(a)39	16	365·00	7,799·00	..	..	(b)5	2,265	2	..	..	..	..	..	..	..	1	20	2,285	509
5. The Tank Block Gold Mine, do. do. ..	(c)16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14
6. The Balaghat Gold Mine, do. do. ..	16	9	273·99	6,375·76	927·00	411·50	3	233	1	..	..	..	..	..	..	..	..	..	233	475
7. The East Betrayaswami Mine, do. do. ..	1	1	30·00	112·00	..	..	1	20	1	..	..	..	..	..	..	..	..	..	40	..
8. The Nanjangud Gold Field, Ld., Nanjangud Taluk, Mysore Dt. ..	2	..	.	..	..	..	(e)1	..	(e)1	..	..	..	(e)1	..	..	..	1	40	40	..
9. The New Shimoga Gold Fields, Ld., Shimoga Taluk, Shimoga District ..	3	3	..	..	..	..	2	36	3	..	..	..	..	..	..	..	..	..	36	..
Total ..	258	97	2,716·94	71,683·98	22,461·00	11,198·50	37	11,467	22	..	1	40	10	1,510	3	80	15	1,552	14,669	4,430
Total for 1908 ..	282	108	3,001·85	80,389·63	..	..	43	..	29	..	4	..	16	..	13	..	15	..	..	4,310

Boiler

TYPE OF BOILER.	Number.	
	Total.	In use.
Cornish	127	37
Lancashire	99	45
Multitubular	5	2
Vertical	13	9
Locomotive	3	2
Galloway	11	2
Clayton and Shuttleworth	..	..
Total ..	258	97
Total for 1908 ..	282	108

INERY AND PLANT

STATE OF MYSORE DURING THE YEAR 1909.

ECIFICATION No. 1.

ELECTRICITY.															
LAMPS.			MOTORS.												
descent.	Arc.		Cauvery Power.							Kolar Mines Power.					
			Induction.			Synchronous.				Induction.					
Total Candle Power.	Number.	Total Candle Power.	Number.	Rating in H. P.	What used for.	Number.	Rating in H. P.	What used for.	Total Rating in H. P.	Number.	Rating in H. P.	What used for.	Total Units utilized. K. W. Hours.
24,516	20	10,000	10	2,229	5 Driving Air-Compressors. 4 Driving Mills. 1 Driving Mill Hoist.	1	300	1 Driving Air-Compressor ..	2,529	14	704	2 Driving Mill Hoists. 1 Driving Fitting Shop. 3 Driving Circular Saws, &c. 1 Driving Sample Ore Grinder. 3 Driving Pumps. 1 Driving Winding Engine. 1 Driving Blower. 1 Driving Conveyor Belt. 1 Driving Metallurgical Establishment.	1,275,732
20,400	33	66,000	12	2,200	6 Driving Air-Compressors. 4 Driving Mills. 1 Driving Ventilation. 1 Driving Induced Draught.	..	..	....	2,200	12	672	1 Driving Stone Crusher. 2 Driving Pumps. 1 Driving Saw Mill. 2 Driving Cyanide Works. 1 Driving Otto Ropeway. 3 Driving Hoists. 1 Driving Fitting Shop. 1 Driving Assay House.	927,245
12,336	3	3,000	14	1,004	1 Driving Air-Compressor. 2 Driving Mills. 1 Driving Picking Floor. 1 Driving Saw Mill. 1 Driving Fitting Shop. 1 Driving Ropeway. 1 Driving Cyanide Works. 4 Driving Pumps. 2 Driving Fans.	1	282	1 Driving Air-Compressor ..	1,286	3	700	2 Driving Hoists. 1 Driving Oil Circulation.	282,530
8,144	5	2,500	11	1,025	4 Driving Air-Compressors. 2 Driving Mills. 5 Driving Pumps.	1	378	1 Driving Air-Compressor ..	1,403	8	540	4 Driving Hoists. 1 Driving Stone Breaker. 1 Driving Fitting Shop. 1 Driving Circular Saw. 1 Driving Mill Return Pump.	305,629
224	..	..	(d)3	270	1 Driving Air-Compressor. 1 Driving Fitting Shop. 1 Driving Cyanide Pumps & Hoists.	..	..	....	270	..	..	....	..
7,804	..	..	12	737	3 Driving Air-Compressors. 8 Driving Pumps. 1 Driving Mill.	..	..	....	737	4	82	1 Driving Fitting Shop. 1 Driving Saw Mill. 1 Driving Stone Breaker. 1 Driving Cyanide Works.	137,963
..	..	..	..	..	....	..	..	....	..	..	..	....	..
..	..	..	..	..	....	..	..	....	..	..	..	....	..
..	..	..	..	..	....	..	..	....	..	..	..	....	..
73,464	61	81,500	62	7,465	....	3	960	....	8,425	41	2,698	....	2,929,099
68,960	67	110,000	..	..	....	..	..	....	..	..	..	....	..

s classed according to Type.

AGGREGATE AREA AND CAPACITY (of those in use).			
Grate Area, Sq. Feet.	Heating Surface, Sq. Feet.	Maximum Evaporative Capacity, Gallons Per Hour.	Actual Evaporation, Gallons Per Hour.
907·45	18,055·98	2,183·00	913·00
1,547·49	48,253·00	18,670·00	9,682·50
32·00	785·50	339·00	168·00
102·50	1,518·50	117·00	33·00
62·50	1,395·00	657·00	282·00
65·00	1,676·00	495·00	120·00
..	..	..	..
2,716·94	71,683·98	22,461·00	11,198·50
3,001·85	80,389·63	..	..

Table 2

REMARKS.

(*a*) Including 3 rented from the Tank Mine.
(*b*) Including 1 ,, ,, ,,

(*c*) 3 in use rented to Nundydroog Gold Mine.
(*d*) Including 1 ,, ,, ,,

(*e*) Not in use.

IN USE AT THE

MINING MACI

NAME AND SITUATION OF MINE.	Winding Engines and Hoists.																			
	Surface.						Underground						Miscellaneous.						Steam.	
	Steam.		Electric.		Compressed Air.		Steam.		Electric.		Compressed Air.		Steam.		Electric.		Compressed Air.			
	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum capacity in gallons per hour.
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	12	3,880	1	350	1	10	..	..	..	..	15	230	..	..	3	36	.	..	(a)57	200,058
2. The Champion Reef Gold Mine, do. do. ..	7	3,744	1	350	..	..	..	..	..	..	8	235	..	..	2	30	..	..	5	42,386
3. The Ooregum Gold Mine, do. do. ..	6	1,289	1	350	..	..	..	..	1	350	10	360	2	90	..	..	1	7	27	80,855
4. The Nundydroog Gold Mine, do. do. ..	(d)6	2,265	1	350	..	..	..	..	..	..	9	—	..	..	3	55	..	..	(e) 12	47,800
5. The Tank Block Gold Mine, do. do. ..	(g)—	—	..	..	..	..	..	..	..	..	..	..	..	..	2	—	..	..	(g) —	—
6. The Balaghat Gold Mine, do. do. ..	3	233	..	..	..	..	..	..	..	..	3	36	..	..	..	..	..	..	1	24,000
7. The East Betrayaswamy Block, do. do. ..	1	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	10,000
8. The Nanjangud Gold Field, Ld., Nanjangud Tk., Mysore Dt. ..	(j) 1	10	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	(j) 1	4,000
9. The New Shimoga Gold Fields, Ld., Shimoga Tk., Shimoga Dt. ..	2	36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	5,250
Total ..	38	11,477	4	1,400	1	10	..	..	1	350	45	861	2	90	10	121	1	7	107	414,349
Total for 1908 ..	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—

MACHINERY AND PLANT

MINES IN THE STATE OF MYSORE DURING THE YEAR 1909.

Table 3.

SPECIFICATION No. 2.

INERY.															REDUCING MACHINERY AND TAILINGS PLANT.													
PUMPING ENGINES AND PUMPS.							AIR COMPRESSORS.					ROCK DRILLS.			ORE FEEDERS.		CRUSHING, GRINDING AND AMALGAMATING.							CYANIDING.			
	Electric.			Compressed Air.			Steam.		Electric.			Average Number in use.					Rock-breakers.		Stamps.					Screens.				
Average quantity of water pumped. Gallons per hour.	Number.	Maximum capacity in gallons per hour.	Average quantity of water pumped. Gallons per hour.	Number.	Maximum capacity in gallons per hour.	Average quantity of water pumped. Gallons per hour.	Number.	Average quantity of free air delivered per minute. Cubic feet.	Number.	Average quantity of free air delivered per minute. Cubic feet.	Average air pressure in receiver.	Stoping.	Development.	Approximate quantity of free air consumed per minute.	Number.	Type.	Number.	Type.	Number.	Weight in lbs. of each head.	Number of drop per minute.	Height of drop in inches.	Depth of discharge in inches.	Kind of Screen.	Number of holes per sq. inch.	Number of Vats.	Total Capacity of Vats. Tons.	Total Capacity of Plant for 24 hours. Tons.	REMARKS.
											lbs. per sq. in.			Cubic feet.														
84,318	(b) 3	107,816	49,467	63	82,252	23,368	5	7,292	6	12,272	50	42·15	103·75	18,967	42	Hoscur.	6	Blake Marsden.	210	1,150	95	7	4	Woven Wire.	1,200	16	2,979	745	(a) Including 5 spare pumps ; (b) including 1 spare pump.
17,990	4	63,093	47,500	41	89,350	12,500	2	1,800	5	9,992	57	25·00	60·00	11,050	34	Challenge.	4	Do.	170	1,250	96	8	4	Do.	1,200	(c)38	4,200	865	(c) 20 steel and 18 wood.
33,576	6	35,400	33,600	24	156,000	4,400	1	2,000	2	5,250	55	..	46·00	5,014	24	Do.	4	2 Do. 2 Gates.	120	1,325	96	8	3	Do.	1,000	8	1,716	429	
23,800	5	45,000	9,000	8	32,000	14,190	..	..	5	6,194	55	..	27·00	3,780	18	Hoscur.	3	Blake Marsden.	90	900	90	7	2	Punched Copper.	No. 6 Needle.	(f)12	907	302	(d) Including 1 not in service rented from Tank Mine. (e) Includes 1 rented from Tank Mine. (f) 6 steel, and 6 wood.
—	3	6,000	762	..	..	..	..	..	(g)—	—	—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	336	93	(g) 1 rented to Nundydroog Co.
12,000	11	14,000	13,000	..	..	..	..	..	3	2,987	60	0·14	12·66	2,484	6	Hoscur.	3	Blake Marsden.	30	1,050	96	8	2	Punched Copper and Woven Wire.	No. 6 and 7 Needle 900	(h)9	612	204	(h) Consists of 6 wood and 3 steel.
2,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
2,000	..	..	..	..	..	..	(j)1	220	..	..	60	..	(j) 6·00	—	1	Challenge.	1	Blake Marsden.	5	1,260	92	7	6	Woven Wire.	1,296	..	..	..	(j) Not in use.
2,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
177,684	32	271,309	153,329	136	359,602	54,458	9	11,312	21	36,695	56	67·29	256·41	41,295	125	..	21	..	625	6,935	94·17	7·50	3·50	..	..	86	10,750	2,638	
—	*	—	—	*	—	—	*	—	*	—	—	*	*	..	128	..	22	..	640	6,860	93·40	7·60	3·20	..	..	86	10,750	2,668	*Detailed figures not available.

STATEMENT OF WORK DONE AND NUMBER OF PERSONS EMPLOYED

AT MINES WORKING IN THE STATE OF MYSORE DURING THE YEAR 1909.

Table 4.

Name and situation of mine.	Mining.				Material treated.							Persons employed.													Remarks.
					Ore.					Tailings.		Below Ground.					On Surface.								
								Milling and Amalgamating.											Natives.						
	Feet driven.	Shaft sunk (feet).	Stoping (cubic fathoms).	Total material excavated (tons).	Raised to surface (tons).	Percentage sorted out as waste.	Ore obtained (tons).	Crushed by stamps.	Crushed per stamp per 24 hours.	Treated by cyanide (tons).	Aggregate amount treated in mills and tailings process (tons).	Europeans.	Eurasians.	Natives.	Total.	Tons excavated per man per annum.	Europeans.	Eurasians.	Males.	Females.	Children under 12 years.	Total.	Tons handled per man per annum.	Total number of persons employed below ground and on surface.	
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	32,316·60	1,053·00	12,381·25	362,826·24	331,223·20	20·71	262,640·00	262,640·00	3·78	213,231·65	475,874·56	117	28	5,781	5,926	61·23	74	62	3,111	340	194	3,781	125·86	9,707	
2. The Champion Reef Gold Mine, do. do. ..	14,840·50	1,552·50	10,817·00	311,572·80	235,120·48	17·70	193,493·44	193,493·44	3·81	(a)279,929·33	473,422·77	82	14	3,775	3,871	80·49	67	79	2,586	380	40	3,152	150·20	7,023	(a) Including 36,541·12 tons of slimes.
3. The Ooregum Gold Mine, do. do. ..	14,868·50	964·00	6,071·02	180,449·32	173,009·76	16·57	144,342·24	140,390·88	4·87	(b)135,875·04	276,265·92	47	17	3,280	3,344	53·96	53	45	1,277	121	..	1,496	184·67	4,840	(b) Including 7,357·28 tons of slimes.
4. The Nundydroog Gold Mine, do. do. ..	9,190·00	720·50	4,813·80	131,999·48	113,672·16	12·22	99,783·04	(c)100,912·00	3·65	94,348·80	195,260·80	31	34	2,721	2,786	47·38	33	48	1,153	284	..	1,518	128·63	4,304	(c) Including 1,128·96 tons stocked previously on surface.
5. The Tank Block Gold Mine, do. do. ..	..	..	..	..	..	..	..	..	..	33,761·28	33,761·28	..	..	..	..	..	8	7	141	25	3	184	183·49	184	
6. The Balaghat Gold Mine, do. do. ..	7,136·25	46·00	2,499·05	72,631·50	52,718·05	20·65	41,832·00	41,832·00	3·88	61,232·64	103,064·64	11	6	1,362	1,379	52·67	18	9	566	97	20	710	145·16	2,089	
7. The East Betrayaswami Block, do. do. ..	730·00	118·00	150·00	36,288·00	3,651·20	33·74	2,419·20	..	..	..	..	8	2	170	180	(d) 201·60	2	2	250	80	..	334	..	514	(d) Includes Materials excavated from old workings.
8. Mr. Ahmed's Block, Bowringpet Taluk, Kolar District ..	..	..	..	..	..	..	..	..	..	..	..	..	..	41	41	..	..	..	..	..	..	..	..	41	
9. The Nanjangud Gold Field, Ld., Nanjangud Tk., Mysore Dt. ..	..	..	5·00	89·60	89·60	..	89·60	89·60	..	..	89·60	1	..	11	12	7·47	..	..	5	..	..	5	17·92	17	
10. The New Shimoga Gold Fields, Ld., Shimoga Tk., Shimoga Dt.	363·00	117·00	..	1,431·81	1,431·81	29·27	1,012·48	..	..	..	..	2	1	70	37	19·61	2	3	68	6	2	81	..	154	
11. The Workington Iron and Steel Co., Ld., Shimoga, Shikarpur and Honnali Taluks, Shimoga District	..	..	..	..	..	.	19,891·00	..	..	..	..	..	..	..	..	..	6	30	374	192	32	634	..	634	Manganese.
12. The Peninsular Minerals Co. of Mysore, Ld. (Blocks in Tumkur and Chitaldrug Districts)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
13. The Bombay Mining Syndicate, Seringapatam and Mandya Taluks, Mysore District	130·00	107·00	8·90	32,374·72	2·24	91·57	0·13	..	..	..	..	..	..	..	..	..	1	1	40	15	5	62	..	62	Mica.
14. The Hajee Prospecting Syndicate, Ld., Holalkere, Davangere, Jagalur and Chitaldrug Taluks of Chitaldrug District, Channagiri and Shimoga Taluks of Shimoga District, and Tarikere Taluk of Kadur District	..	..	..	..	..	..	5,536·00	..	..	..	..	..	..	..	..	..	2	5	226	115	14	362	..	362	Manganese.
15. The Shimoga Manganese Co., Ld., Tarikere Tk., Kadur Dt. ..	..	..	..	..	..	..	3,307·00	..	..	..	..	..	..	..	..	..	..	..	62	98	37	197	..	197	Do.
16. Mr. J. Burr's Prospecting Block, Mysore Taluk, Mysore Dt. ..	..	..	..	.	..	..	4,727·00	..	..	..	..	..	..	..	..	.	..	..	20	8	2	30	..	30	Chromite.
17. Mr. W. W. Coen's Prospecting Block, Holalkere Taluk, Chitaldrug District	..	..	..	..	..	..	900·00	..	..	..	..	..	..	..	..	..	.	1	40	20	12	73	..	73	Manganese.
18. Mr. C. Jambon's Prospecting Block, Shimoga Tk., Shimoga Dt.	..	..	..	..	..	..	241·00	..	..	..	..	..	..	..	..	..	..	1	12	8	2	23	..	23	Do.
19. Mr. A. Voigt's Prospecting Block, Shimoga and Channagiri Taluks, Shimoga District	..	..	..	..	..	..	10,020·00	..	..	..	..	..	..	..	..	..		..	157	198	54	409	..	409	Do.
Total .	79,574·85	4,678·00	36,746·02	1,129,663·47	910,918·50	18·15	790,234·13	739,357·92	3·99	818,381·65	1,557,739·57	299	102	17,211	17,612	64·14	266	293	10,088	1,987	417	13,051	143·62	30,663	
Total for 1908 ..	90,268·75	7,482·00	35,560·79	1,069,878·82	917,300·12	15·08	721,843·36	720,808·48	3·97	769,962·82	1,490,771·30	295	82	18,148	18,525	57·82	242	308	10,395	2,729	415	14,089	143·37	32,614	

NAME AND SITUATION OF MINE.	Fuel. Indian Coal. Tons used.	Indian Coal. Cost.	English Coal. Tons used.	English Coal. Cost.	Firewood. Tons used.	Firewood. Cost.	Total Cost.	Cost per Ton milled.	Electric Power. Cauvery Scheme. Total Cost.	Cauvery Scheme. Cost per Ton milled.	Kolar Mines. Total Cost.	Kolar Mines. Cost per Ton milled.	Timber. Quantity.	Timber. Cost.	Timber. Cost per Ton milled.	Blasting Gelatine. Quantity.	Blasting Gelatine. Cost.
		£ Stg.		£ Stg.		£ Stg.	£ Stg.	Shillings.	£ Stg.	Shillings.	£ Stg.	Shillings.	C. ft.	£ Stg.	Shillings.	lbs.	£ Stg.
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	42,284·48	46,264·81	..	..	733·60	360·25	46,625·06	3·55	33,665·67	2·56	6,436·79	0·49	348,119·20	39,098·80	2·98	207,900	13,426·87
2. The Champion Reef Gold Mine, do. do. ..	25,671·52	27,447·78	498·40	574·70	290·64	138·40	28,160·88	2·91	33,850·25	3·50	4,253·26	0·44	284,545·20	28,745·80	2·97	145,865	9,454·87
3. The Ooregum Gold Mine, do. do. ..	14,888·16	15,921·15	805·28	976·20	698·88	332·69	17,230·04	2·31	18,703·85	2·66	1,744·99	0·25	137,633·00	14,721·81	2·10	131,960	8,549·90
4. The Nundydroog Gold Mine, do. do. ..	11,434·98	11,643·47	..	..	10·08	7·87	11,651·34	2·31	16,210·53	3·21	1,400·01	0·28	129,688·00	12,592·74	2·50	78,821	5,105·81
5. The Tank Block Gold Mine, do. do. ..	69·44	69·75	..	..	299·04	120·16	189·91	..	76·47	..	..	..	673·75	79·10	..	1,000	81·00
6. The Balaghat Gold Mine, do. do. ..	4,687·76	5,049·00	*227·36	60·00	207·20	162·00	5,271·00	2·52	10,462·37	5·00	1,094·22	0·52	42,873·00	3,782·00	1·81	50,830	3,293·00
7. The East Betrayaswami Block Gold Mine, do. ..	112·00	138·00	..	..	696·64	300·00	438·00	..	..	..	..	..	2,600·00	196·00	..	1,200	160·00
8. The Nanjangud Gold Field, Ld., Nanjangud Taluk, Mysore Dt..	..	..	..	..	17·92	5·33	5·33	1·19	..	..	..	..	..	..	..	80	10·66
9. The New Shimoga Gold Fields, Ld., Shimoga Taluk, Shimoga Dt.	..	..	..	..	685·44	91·70	91·70	..	..	..	..	..	215·00	19·57	..	772	70·71
10. The Workington Iron and Steel Co., Ld., Shimoga, Shikarpur and Honnali Taluks, Shimoga District	638·40	884·55	..	..	..	..	884·55	..	..	..	..	..	..	..	..	..	..
1. The Bombay Mining Syndicate, Seringapatam and Mandya Taluks, Mysore District	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	99,786·74	107,418·51	1,531·04	1,610·90	3,639·44	1,518·40	110,547·81	2·99	112,969·14	3·06	14,929·27	0·40	945,847·15	99,285·82	2·68	618,428	40,152·82
Total for 1903 ..	113,321·94	121,027·33	988·96	1,175·33	4,614·63	2,075·83	124,278·49	3·45	102,460·34	2·84	..	..	886,369·22	96,983·75	2·69	677,539	47,103·72

TEMENT OF QUANTITY AND COST OF MATERIALS CONSUMED AND WAGES PAID

AT THE MINES WORKING IN THE STATE OF MYSORE FOR THE YEAR 1909.

Explosives.									Candles.			Mercury.			Cyanide.				Zinc.		
Dynamite and other Explosives.		Detonators.		Fuse.																	
Quantity.	Cost.	Number of boxes. (100 per box.)	Cost.	Number of Coils. (24 feet per coil.)	Cost.	Total Cost.	Cost per Ton excavated.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton treated.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.
lbs.	£ Stg.		£ Stg.		£ Stg.	£ Stg.	Shillings.	Shillings.	lbs.	£ Stg.	Shillings.	lbs.	£ Stg.	Shillings.	lbs.	£ Stg.	Shillings.	Shillings.	lbs.	£ Stg.	Shillings.
26,495	1,241·95	7,617	1,412·32	82,671	2,411·28	18,492·37	1·02	1·41	317,287	5,288·12	0·40	2,310	308·00	0·024	109,760	4,416·53	0·41	0·34	14,151	206·37	0·016
13,700	665·70	4,535	839·54	50,433	1,462·95	12,423·06	0·80	1·28	233,543	3,892·38	0·40	2,668	313·16	0·032	216,559	8,761·16	0·63	0·91	21,033	284·18	0·029
..	..	3,966	734·12	44,827	1,303·23	10,587·25	1·16	1·51	86,710	1,445·00	0·21	1,202	150·51	0·021	75,712	2,722·33	0·40	0·39	10,864	135·99	0·019
..	..	3,263	602·95	36,733	1,055·40	6,764·16	1·02	1·34	130,467	2,174·44	0·43	1,296	141·69	0·028	63,941	2,581·26	0·55	0·51	6,129	82·52	0·017
..	..	100	33·33	600	30·00	144·38	..	..	824	16·18	..	..	..	..	29,128	1,164·88	0·69	..	3,493‡	‡ 52·35	..
..	..	1,606	297·00	⊕18,651	541·00	4,131·00	1·14	1·98	70,738	1,183·00	0·57	207	25·25	0·012	42,784	1,744·00	0·57	0·83	6,643	96·00	0·046
..	..	60	20·00	500	25·00	205·00	0·11	..	1,460	25·00	..	..	..	..	..	..	..	..	..	..	..
..	..	1	0·33	21	1·40	12·39	2·77	2·77	20	0·25	0·06	4	0·53	0·118	..	..	..	..	..	..	..
..	..	41	10·93	392	21·25	102·89	1·44	..	715	14·80	..	..	..	..	..	..	..	..	..	..	..
175	19·15	5	1·75	114	5·80	26·70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
200	2·00	..	..	10	0·25	2·25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
40,570	1,928·80	21,194	3,952·27	234,942	6,857·51	52,891·40	0·94	1·43	841,764	14,039·17	0·38	7,687	939·14	0·025	537,884	21,390·16	0·52	0·58	62,313	857·41	0·023
44,065	2,927·91	22,574	4,406·25	245,356	7,510·17	61,948·05	1·16	1·72	839,889	14,020·56	0·39	7,373	855·08	0·025	530,406	20,827·07	0·54	0·58	63,264	919·90	0·026

Average Wages per month.

Class.	Europeans. £ Stg.	Natives. £ Stg.
Underground Agents ..	28·77	..
Engineers ..	30·75	..
Reduction Officers ..	27·24	..
Millmen ..	14·88	..
Carpenters ..	21·00	1·96
Smiths ..	22·00	1·89
Engine Drivers ..	12·28	1·52
Miners ..	8·00	1·48
Blasters ..	..	1·84
Timbermen ..	14·69	1·88
Cyanide Chemists ..	29·98	..
Assistant Cyanide Chemists ..	24·68	..
Pitmen ..	19·00	..
Boiler Smiths ..	23·22	1·68
Underground Coolies ..	..	0·91
Surface Coolies ..	..	0·61
Trammers ..	..	0·93
Firemen ..	..	0·93
Mestries ..	..	2·15
Landers ..	..	1·00
Average for above classes ..	21·27	1·44
Average for above classes in 1908 ..	22·60	1·51

Table 5.

Steel.								Pig Iron.			Shoes and Dies.			Wages.			
For drills and jumpers.		Bars, plates and rolled sections, &c.		Castings made locally and imported.													
Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Total Cost.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.	Total Amount.	Per Ton milled.	Total of these costs per Ton milled.	REMARKS.
Tons.	£ Stg.	Tons.	£ Stg.	Tons.	£ Stg.	£ Stg.	Shillings.	Tons.	£ Stg.	Shillings.	Tons.	£ Stg.	Shillings.	£ Stg.	Shillings.	Shillings.	
91·56	1,907·50	145·32	1,816·50	245·50	6,800·03	10,524·03	0·80	16·80	64·00	0·005	121·63	2,726·25	0·21	185,052·50	14·09	26·87	
54·66	1,319·73	*245·84	2,148·28	94·98	1,512·97	4,980·98	0·51	..	..	..	62·38	1,317·48	0·14	147,612·05	15·26	§ 28·38	§Calculated from the total expenditure of the Company's financial year ending 30th Sept., 1909. *Including 136·08 tons of railings.
28·56	606·81	161·84	1,250·55	..	..	1,857·36	0·26	12·32	45·89	0·007	56·00	1,182·15	0·17	79,885·42	11·38	21·29	
30·02	725·99	43·12	397·55	16·80	517·65	1,641·19	0·33	..	..	..	33·04	687·70	0·14	72,682·00	14·41	25 51	
1·22	48·58	..	..	..	..	48·58	..	..	..	..	..	..	..	4,334·96	..	..	‡ Excluding 29,970 lbs. of Caustic soda worth £203-5-8.
14·00	357·00	22·40	192·00	..	..	549·00	0·26	5·04	25·00	0·012	10·53	209·50	0·10	40,110·26	19·18	32·84	✱Consists of Coke and Cinders.
1·40	30·00	..	..	..	..	30·00	..	..	..	..	..	..	..	1,500·00	..	..	⊕Includes 76 Coils of Gutta Percha.
..	..	..	..	..	..	..	..	..	..	..	..	..	.	163·86	36·58	40·71	
0·28	15·23	..	..	..	..	15·23	..	..	..	..	..	..	..	619·77	..	..	
..	..	6·16	59·90	..	..	59·90	..	..	..	..	..	..	..	11,297·75	..	..	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
221·70	5,010·84	624·68	5,864·78	357·28	8,830·65	19,706·27	0·53	34·16	134·89	0·004	283·58	6,123·08	0·17	543,258·57	14·70	26·97	
915·86	4,941·60	417·07	4,180·30	328·72	2,015·83	11,137·73	0·06	89·89	515·71	0·014	324·52	8,931·29	0·25	551,240·99	14·63	26·67	

TABLE OF GOLD PRODUCTION AND WORKING COSTS

AT THE GOLD MINES WORKING IN THE STATE OF MYSORE DURING THE YEAR 19

NAME AND SITUATION OF MINE.	GOLD PRODUCTION.															WORKING C
	From Mills.					By Cyanide Process.					From other Sources.		Total Production.			M
	Assay value of Ore treated. Shillings per Ton.	Fine Gold. Ounces.	Value. £ Stg.	Value. Shillings per Ton.	Percentage Recovered.	Assay value of Tailings. Shillings per Ton.	Fine Gold. Ounces.	Value. £ Stg.	Value. Shillings per Ton.	Percentage Recovered.	Fine Gold. Ounces.	£ Stg.	Fine Gold. Ounces.	Value. £ Stg.	Value. Shillings per Ton milled.	£ Stg.
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	73·36	189,230·461	804,229·46	61·24	83·48	13·59	21,961·514	93,336·43	8·75	64·39	..	..	211,191·975	897,565·89	68·35	273,631·20
2. The Champion Reef Gold Mine, do. do. ..	45·96	78,661·914	334,313·13	34·55	75·17	11·38	23,337·859	99,185·90	7·09	62·30	..	..	101,999·773	433,499·03	44·81	203,707·48
3. The Ooregum Gold Mine, do. do. ..	52·96	71,397·026	303,437·36	43·23	81·63	11·22	10,909·614	46,365·86	6·82	60·78	..	..	82,306·640	349,803·22	49·83	130,107·94
4. The Nundydroog Gold Mine, do. do. ..	70·67	70,935·331	301,475·16	59·75	84·55	11·70	6,733·055	28,615·48	6·07	51·88	..	..	77,668·386	330,090·64	65·42	98,127·39
5. The Tank Block Gold Mine, do. do. ..	..	..	..	..	..	7·53	1,985·191	8,437·06	5·00	66·40	..	..	1,985·191	8,437·06	..	..
6. The Balaghat Gold Mine, do. do. ..	41·75	16,639·780	70,719·07	33·81	80·98	6·49	2,474·744	10,517·66	3·44	53·00	..	..	19,114·524	81,236·73	38·84	57,751·07
7. The Road Block Gold Mine of India, Ld., Bowringpet Tk. Kolar Dt..	..	69·600	295·80	..	..	..	..	..	..	..	..	..	† 69·600	295·80	..	..
8. The East Betrayaswami Block, do. do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4,000·00
9. The Nanjangud Gold Field, Ld., Nanjangud Taluk, Mysore Dt. ..	22·76	32·100	136·43	30·45	..	..	..	..	..	..	..	..	32·100	136·43	30·45	163·86
10. The New Shimoga Gold Fields, Ld., Shimoga Taluk, Shimoga Dt. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4,652·60
Total ..	60·15	426,966·212	1,814,606·41	49·09	81·61	11·44	67,401·977	286,458·39	7·00	61·19	..	..	494,368·189	2,101,064·80	56 83	772,141·54
Total for 1908 ..	60·26	417,740·694	1,775,397·95	49·26	81·75	11·47	66,565·155	282,901·92	7·35	64·08	..	..	484,305·849	2,058,299·87	57·12	734,781·76

OSTS (INCLUDING TRANSPORT AND MAINTENANCE).						Total Expenditure (including administration).	
NING		MILLING.		CYANIDING.			
Shillings per Ton excavated.	Shillings per Ton milled.	£ Stg.	Shillings per Ton milled.	£ Stg.	Shillings per Ton treated.	Shillings per Ton milled.	REMARKS.
15·08	20·84	35,065·90	2·67	12,350·36	1·16	29·76	
13·08	21·06	27,999·21	2·89	25,700·93	1·84	* 30·96	* Calculated from the total expenditure of the Company during its financial year, from 1st October 1908 to 30th September 1909.
14·42	18·54	17,879·95	2·55	10,425·75	1·53	26·28	
14·87	19·45	12,653·11	2·51	5,945·04	1·26	29·61	
..	..	..	..	2,398·82	1·42	..	
15·90	27·61	4,898·62	2·34	3,921·06	1·28	36·57	
..	..	..	..	..	..	..	† Obtained from old mill plates.
..	..	..	..	..	..	..	
..	..	..	..	..	..	..	
..	..	..	..	..	..	..	
13·67	20·89	98,496·79	2·66	60,741·96	1·48	29·77	
13·74	20·39	94,117·23	2·61	57,902·60	1·50	29·63	

NUMBER AND CLASSIFICATION OF FATAL AND SERIOUS ACCIDENTS

AT MINES WORKING IN THE STATE OF MYSORE DURING THE YEAR 1909.

Table 7.

NAME AND SITUATION OF MINE.	Falls in Mines.				In and at Shafts.									Miscellaneous Below Ground.									On Surface.					Total due to			
	Falls of Hanging Wall.	Falls of Sides or Roof.	Falls of Ore from working places.	Total Falls.	Over-winding	Ropes and Chains breaking.	Whilst ascending or descending by Machinery.	Falling into Shaft from Surface.	Falling from part way down.	Things falling from Surface.	Things falling from part way down.	Miscellaneous.	Total in and at Shafts.	Suffocation by Gases.	Explosion due to Misfire.	By Explosives (other than Misfires).	Falls of Persons or Things in Rises, Winzes and Stopes.	On Inclined and Engine Planes.	By Trams or Tubs, but not on Inclined and Engine Planes	By Machinery.	By other causes.	Total Miscellaneous Below Ground.	By Machinery.	Boilers and Steam Pipes bursting, etc.	On Railways, Tramways or Aerial Ropeways belonging to Mine.	Miscellaneous.	Total on Surface.	Negligence.	Recklessness.	Unavoidable.	Grand Total.
Number of Class of Accident ..	i	ii	iii		iv	v	vi	vii	viii	ix	x	xi		xii	xiii	xiv	xv	xvi	xvii	xviii	xix		xx	xxi	xxii	xxiii					
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	2	..	..	2	1	1	3	..	1	..	2	11	19	..	5	1	9	..	1	3	23	42	3	..	7	8	18	8	15	58	81
2. The Champion Reef Gold Mine, do. do. ..	1	2	2	5	..	..	1	..	9	..	9	23	42	..	7	2	7	..	12	..	74	102	4	..	20	11	35	9	16	159	184
3. The Ooregum Gold Mine, do. do. ..	2	..	..	2	1	..	1	..	5	..	3	14	24	..	1	2	8	..	4	..	27	42	1	..	5	2	8	8	11	57	76
4. The Nundydroog Gold Mine, do. do. ..	..	..	1	1	..	..	3	..	3	..	4	7	17	1	2	..	11	..	2	1	13	30	2	..	5	..	7	7	9	39	55
5. The Tank Block Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0	0	0	0
6. The Balaghat Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	2	..	..	1	3	..	1	..	1	..	1	1	7	11	..	..	2	..	2	0	3	13	16
7. The East Betrayaswamy Block Gold Mine, do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..		..	..	..	..	..	..	0	..	..	..	..	0	0	0	0	0
8. The New Shimoga Gold Fields, Ld., Shimoga Taluk, Shimoga Dt. ..	..	..	..	0	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	1	..	..	..	..	0	0	1	1	2
9. The Shimoga Manganese Co., Ld., (Siddarhalli Block) do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	1	1	0	1	0	1
10. The Hajee Prospecting Syndicate Ld., Hulikatte, Jagalur Taluk, Chitaldrug District ..	..	..	.	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	1	1	1	0	0	1
Total ..	5	2	3	10	2	1	8	0	21	0	18	56	106	1	17	5	36	0	20	5	144	228	10	0	39	23	72	33	56	327	416
Number due to: Negligence ..	1	0	0	1	1	1	1	0	0	0	7	4	14	0	10	0	5	0	1	0	0	16	0	0	0	2	2				
Number due to: Recklessness ..	0	0	0	0	1	0	5	0	8	0	0	8	22	1	6	5	1	0	3	1	1	18	5	0	10	1	16				
Number due to: Unavoidable ..	4	2	3	9	0	0	2	0	13	0	11	44	70	0	11	0	30	0	16	4	143	194	5	0	29	20	54				

NUMBER OF PERSONS KILLED IN ACCIDENTS

AT MINES WORKING IN THE STATE OF MYSORE DURING THE YEAR 1909.

Table 9.

NAME AND SITUATION OF MINE.	Falls in Mines.				In and at Shafts.									Miscellaneous Below Ground.									On Surface.					Grand Total.
	Falls of Hanging Wall.	Falls of Sides or Roof.	Falls of Ore from working places.	Total Falls.	Over-winding.	Ropes and Chains breaking.	Whilst ascending or descending by Machinery.	Falling into Shaft from Surface.	Falling from part way down.	Things falling from Surface.	Things falling from part way down.	Miscellaneous.	Total in and at Shafts.	Suffocation by Gases.	Explosion due to Misfire.	By Explosives (other than Misfires).	Falls of Persons or things in Rises, Winzes and Stopes.	On Inclined and Engine Planes.	By Trams or Tubs, but not on Inclined & Engine Planes.	By Machinery.	By other causes.	Total Miscellaneous Below Ground.	By Machinery.	Boilers and Steam Pipes bursting, etc.	On Railways, Tramways, or Aerial Ropeways belonging to Mine.	Miscellaneous.	Total on Surface.	
Number of Class of Accident..	i	ii	iii		iv	v	vi	vii	viii	ix	x	xi		xii	xiii	xiv	xv	xvi	xvii	xviii	xix		xx	xxi	xxii	xxiii		
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	2	..	..	2	1	6	1	..	1	..	..	4	13	..	4	1	..	..	..	1	2	8	1	..	..	..	1	24
2. The Champion Reef Gold Mine, do. do. ..	1	1	..	2	..	..	..	..	3	..	3	5	11	..	1	2	..	..	..	..	18	21	..	..	1	..	1	35
3. The Ooregum Gold Mine, do. do. ..	2	..	..	2	4	..	1	..	3	..	1	6	15	..	3	1	1	..	..	..	2	7	..	..	..	..	0	24
4. The Nundydroog Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	3	..	1	..	4	5	2	..	2	..	1	..	3	13	..	..	2	..	2	19
5. The Tank Block Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
6. The Balaghat Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..	1	2	..	..	..	..	0	3
7. The East Betrayaswami Block Gold Mine do. do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
8. The New Shimoga Gold Fields, Ld., Shimoga Tk., Shimoga District.	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
9. The Shimoga Manganese Co., Ld. (Siddarhalli Block) ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	8	8	8
10. The Hajee Prospecting Syndicate, Ld., Hulikatte, Jagalur Tk., Chitaldroog District ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	1	1	1
Total ..	5	1	..	6	5	6	2	..	11	..	5	15	44	5	10	4	3	..	2	1	26	51	1	..		9	18	114

NUMBER OF PERSONS SERIOUSLY INJURED IN ACCIDENTS

AT MINES WORKING IN THE STATE OF MYSORE DURING THE YEAR 1909.

Table 10.

NAME AND SITUATION OF MINE.	Falls in Mines.				In and at Shafts.									Miscellaneous Below Ground.									On Surface.					Gross Total.
	Falls of Hanging Wall.	Falls of Sides or Roof.	Falls of Ore from working places.	Total Falls.	Over-winding.	Ropes and Chains breaking.	Whilst ascending or descending by Machinery.	Falling into Shaft from Surface.	Falling from part way down.	Things falling from Surface.	Things falling from part way down.	Miscellaneous.	Total in and at Shafts.	Suffocation by Gases.	Explosion due to Misfire.	By Explosives (other than Misfires).	Falls of Persons or things in Rises, Winzes and Stopes.	On Inclined and Engine Planes.	By Trams or Tubs, but not on Inclined and Engine Planes.	By Machinery.	By other causes.	Total Miscellaneous Below Ground.	By Machinery.	Boilers and Steam Pipes bursting, etc.	On Railways, Tramways or Aerial Ropeways belonging to Mine.	Miscellaneous.	Total on Surface.	
Number of Class of Accident ..	i	ii	iii		iv	v	vi	vii	viii	ix	x	xi		xii	xiii	xiv	xv	xvi	xvii	xviii	xix		xx	xxi	xxii	xxiii		
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	2	..	..	2	..	1	2	..	..	..	2	8	13	..	5	..	9	..	1	2	25	42	2	..	7	8	17	74
2. The Champion Reef Gold Mine, do. do. ..	..	1	2	3	..	..	1	..	7	..	9	24	41	..	8	..	7	..	12	..	72	99	4	..	19	11	34	177
3. The Ooregum Gold Mine, do. do. ..	..	..	..	0	7	..	..	..	2	..	2	11	22	..	..	1	7	..	4	..	26	38	1	..	5	2	8	68
4. The Nundydroog Gold Mine, do. do. ..	..	..	1	1	..	..	3	..	..	..	3	7	13	..	1	..	9	..	1	1	15	27	2	..	3	..	5	46
5. The Tank Block Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
6. The Balaghat Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	1	..	..	1	2	..	2	..	1	..	..	1	6	10	..	..	2	..	2	14
7. The East Betrayaswami Block Gold Mine, Bowringpet Tk., Kolar Dt.	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
8. The New Shimoga Gold Fields, Ld., Shimoga Tk., Shimoga Dt. ..	..	..	..	0	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	1	..	..	..	..	0	2
9. The Shimoga Manganese Co., Ld., (Siddarhalli Block), do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
10. The Hajee Prospecting Syndicate, Ld., Hulikatte, Jagalur Taluk, Chitaldrug District	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
Total ..	2	1	3	6	7	1	6	0	11	0	16	51	92	0	17	1	33	0	18	4	144	217	9	0	36	21	66	381

COMPARATIVE TABLE SHOWING THE MORTALITY AND OT

AT GOLD MINES WORKING IN THE STATE OF MYSORE AND IN THE T

ITEMS.	MYSORE.																
Year ..	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1895	1896
1. Number of separate accidents (fatal and serious) per 1,000 persons employed.	7·29	5·68	4·53	5·79	8·88	9·55	8·42	8·37	7·75	8·31	8·31	13·07	12·39	14·39	14·34	..	..
2. Death rate per 1,000 persons above ground	0·69	0·53	0·53	0·51	0·66	0·70	1·29	0·57	1·13	0·25	0·59	0·66	0·39	0·28	0·36	..	..
3. Death rate per 1,000 persons below ground	7·01	3·15	7·55	4·09	2·66	4·17	4·29	3·30	3·29	2·39	3·47	3·17	2·69	4·70	5·73	..	..
4. Death rate per 1,000 persons employed (above and below ground) ..	4·05	1·97	4·88	2·45	1·80	2·61	2·29	2·21	2·52	1·53	2·51	2·30	1·92	3·08	3·64	4·64	4·95
5. Number of persons employed for each 100,000 tons of quartz crushed ..	5,124	5,648	5,486	5,713	5,546	5,467	4,970	4,684	3,988	4,036	3,882	4,091	4,190	4,059	3,905	1,579	1,705
6. Number of persons killed for each 100,000 tons of quartz crushed ..	20·76	10·79	26·78	14·02	9·99	14·00	14·87	10·34	10·06	6·16	9·73	9·41	8·04	12·49	14·20	7·33	8·44
7. Number of persons employed for each £100,000 worth of gold obtained ..	1,268	1,362	1,336	1,371	1,257	1,308	1,303	1,337	1,195	1,299	1,288	1,403	1,499	1,422	1,374	720	853
8. Number of persons killed for each £100,000 worth of gold obtained ..	5·14	2·60	6·52	6·36	2·26	3·35	3·90	2·95	3·01	1·94	3·23	3·23	2·88	4·37	5·00	3·34	4·22
9. Average value (in shillings) of quartz (gold obtained per ton crushed) ..	80·83	82·93	82·12	83·35	88·25	83·54	76·27	70·24	66·73	63·56	60·55	58·33	55·97	57·12	56·83	43·85	39·96

HER ITEMS

RANSVAAL.

Table II.

TRANSVAAL.							REMARKS.
1897	1898	1902	1905-06	1906-07	1907-08	1908-09	
..	..	10·22	10·14	8·73	8·66	9·57	
..	..	..	1·45	1·40	1·34	1·48	
..	..	..	7·97	6·48	5·60	7·23	
4·31	4·65	3·83	5·83	4·98	4·40	5·53	
1,343	1,160	1,085	1,180	1,040	983	882	
5·79	5·40	4·15	6·90	5·18	4·32	4·88	
675	572	512	680	604	602	589	
2·91	2·65	1·94	3·97	3·01	2·65	3·26	
39·97	40·63	42·96	34·68	34·43	32·67	29·94	

LIST OF MINING PROPERTIES LEASED, ASSIGNED OR ABANDONED

IN THE STATE OF MYSORE FROM JULY 1909 TO JUNE 1910.

Table 12.

A.—Leased.

NAME OF PROPERTY.	SITUATION.		Name of Lessee.	Date of Grant.	Registered No. of Lease.	REMARKS.
	Taluk.	District.				
last Betrayaswami	Bowringpet ..	Kolar ..	Messrs. Paul Knight and Robert Knight.	4th September, 1909.	118	In lieu of Lease No. 50.

B.—Assigned.

NAME OF PROPERTY.	SITUATION.		Registered No. of Lease.	Name of Assignor.	Name of Assignee.	Date of Assignment.	REMARKS.
	Taluk ..	District ..					
ad Block (except 40 acres already in the possession of the Balaghat Co.)..	Bowringpet ..	Kolar ..	60	The Road Block Gold Mines of India, Ld.	The Balaghat Gold Mining Co., Ld.	20th July, 1909.	

C.—Abandoned.

NAME OF PROPERTY.	SITUATION.		Registered No. of Lease.	Name of Lessee.	Date of Abandonment.	REMARKS.
	Taluk ..	District ..				
..	..	..	..	*Nil.*	..	..

RECORD OF FATAL AND SERIOUS ACCIDENTS.

[MINING.]

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
18th January ...	15	The Mysore Gold Mine, Marikuppam, Bowringpet Taluk, Kolar District.	10-15	3¼	...	1 Jaganathan ...	20
20th January ...	18	Do.	6-30	6½	1 Chinnapan ...	...	28
21st January ...	21	Do.	14	7	...	1 Duraiswami ...	35
21st January ...	22	Do.	18	3	...	1 Michael ...	42
21st January ...	23	Do.	20	5	...	1 K. Kullan ..	40
24th January ...	26	Do.	4	5	2 Dell'Angelo Angelo.	...	24
					and		
					Hoolian ...	...	26
						3 Poongan ...	25
						Irchen ...	27
						and	
						Perumal ...	25
25th January ...	32	Do.	10-30	3½	...	1 Polatchi ...	40
26th January ...	36	Do.	7-30	½	...	1 P. Munian ...	20

OF MYSORE, DURING THE YEAR 1909. Table 13.

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Fitter Cooly ...	New Picking Floors (Surface).	XXIII	When using a crowbar to raise the wheel of a stone breaker, his thumb was crushed between the bar and a stone.	Severe laceration of right thumb, amputated.
Fitter Mestri ..	Plat, 1,750 feet level, Tennant's Shaft.	XI	A portion of an old cistern which was being lifted by means of a block and tackle, slipped from the sling and fell on his leg.	Compound comminuted fracture of right leg and laceration of left leg. Died in hospital on 2nd February.
Machine Contractor (C. No. M. 261 / B. 1601)	In the Bandy Road, 2,120 feet level, Crocker's Shaft.	XI	Probably through trying to get upon an ascending timber bandy.	Compound fracture of skull, left ear partly torn off, fractured ribs of left side. Bruises of chest, axilla, thigh, right ear, etc.
Cotterman ...	Drive, 2,440 feet level North of Crossscut East, Tennant's Shaft.	XIX	A burst of quartz.	Injury to both eyes, and multiple small wounds.
Stuff Cooly ...	Plat, 400 feet level, Hancock's Shaft.	X	Another cooly let a plank fall upon him in the Shaft.	Simple fracture of both bones of left leg.
Timberman ...	No. 1 Winze at end of Crosscut East, below 3,226 feet level North, Ribblesdale's Shaft.	XIX	An air-blast.	Cruhed by falling stuff.
Stuff Cooly ...	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Lacerated wounds of scalp, shoulder and body, left arm and forearm. Punctured wound of right knee.
Do.	Do.	Do.	Do.	Multilep wounds of scalp, neck, both hands, left thigh, leg and feet and right knee.
Do.	Do.	Do.	Do.	Lacerated wounds of right foot, left knee and shoulder, scalp wounds.
Timber Mestri (C. No. M. 961).	No. 2 Back Stope, 2,820 feet level South, Ribblesdale's Shaft.	XV	A machine bar, which was being put up in the stope, fell upon him.	Contusion of right eye. Concussion of brain. Fracture of nose and wound of right ear.
Stuff Cooly ...	620 feet level, Tennant's Shaft.	XVIII	When searching for a candle, which he had dropped into the pump compartment, his thumb was crushed by the wing of a pump rod.	Compound fracture of right thumb.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night.)	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
28th January ...	37	The Mysore Gold Mine, Mairkuppam, Bowringpet Taluk, Kolar District—(*contd.*).	6	7	....	1 Kunny ...	29
18th February ...	57	Do.	10	3	3 Chengan ...	...	30
					K. Chinnaswami...	...	25
					and		
					Chinnaswami ...	...	22
						1 Parasuraman ...	25
21st February ...	59	Do.	1	10	...	1 Soobramony ..	30
2nd March ...	66	Do.	8	1	...	1 Ramaswami Naidu ...	30
5th March ...	76	Do.	10	3	...	1 Ramiah ...	33
6th March ...	72	Do.	6	7	...	1 Muniswami ...	20
19th March ...	86	Do.	6	7	...	1 M. Thumbu ...	23
31st March ...	103	Do.	12	5	...	1 C. Muniswami ...	38
1st April ...	106	Do.	13	6	...	1 Murugan ...	20

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Stuff Cooly ...	No. 6 End North of No. 1 Winze at end of Crosscut East below 3,226 feet level North, Ribblesdale's Shaft.	XIX	When lifting a basket of stones he slipped and let it fall upon his foot.	Compound fracture of right 3rd toe and laceration of 2nd toe and sole of foot.
Mestri ..	Sink, below 150 feet level, Hancock's Shaft.	XIII	Boring into a hole containing blasting gelatine.	Killed instantaneously.
Cotterman ...	Do.	Do.	Do.	Killed instantaneously.
Do.	Do.	Do.	Do.	Compound comminuted fracture of both legs, severe laceration of left arm and face and multiple wounds of body. Died in hospital 30 minutes after arrival.
Do.	Do.	Do.	Do.	Lacerated wounds of face, etc.
Cotterman ...	No. 1 Rise 1,650 feet level North, Tennant's Shaft.	XVIII	While taking down the machine, it slipped and the handle struck him on the foot.	Compound fracture of 3rd and 4th metatarsal bones of left foot.
Painter ...	New Picking Floors (Surface).	XXIII	He fell from a scaffolding, when painting timber work.	Bruising of left side of chest and thigh and fractured ribs.
Carpenter ...	On the Dump, Hancock's Shaft (Surface).	XXIII	While laying rails for the tram-road on the dump, he overbalanced and caught hold of the live electric wire, passing close by, to save himself from falling.	Burns of right and left wrists and hands caused by contact with live wire. Both hands amputated above the wrists.
Assistant Blaster.	In the Crosscut West to Edgar's Shaft, from 3,226 feet level North, Ribblesdale's Shaft.	XIX	A small air-blast or burst of rock.	Severe laceration of right leg and wounds of right hand and back.
Stuff Cooly ...	Sink, Auxiliary Shaft, Ribblesdale's Section.	XI	A stone which he was handing to another cooly, broke and a piece of it fell on his foot.	Compound fracture of left great toe.
Timber Cooly ...	No. 3 Stope, 2,320 feet level South on Western branch, Ribblesdale's Shaft.	XIX	He struck his thumb with an axe when splitting a wedge.	Compound fracture of left thumb.
Hand Jumper Cooly ...	No. 1 Stope, 890 feet level North, Mc Taggart's Shaft.	XV	While packing black rock in a stope, a stone fell from the pile upon his toe.	Compound fracture of left 4th toe.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
3rd April ...	108	The Mysore Gold Mine, Marikuppam, Bowringpet Taluk, Kolar District—(*continued*).	12-30	5½	..	1 Veeran ...	20
8th April ...	115	Do.	14	7	...	1 Ramaswami ...	26
9th April ...	113	Do.	10-45	3¾	...	1 Guntlapah ...	45
12th April ...	116	Do.	18	5	...	1 V. Kandaswami ...	26
13th April ...	121	Do.	18	3	...	1 Kunny ...	45
1st May ...	133	Do.	6-20	...	1 Maree ...	...	26
4th May ...	152	Do.	6	7	...	1 Saib ...	45
6th May ...	142	—Do	12-30	5½	1 Bodigan ...	...	18
					...	1 Balappah ...	40
7th May ...	144	Do.	11-45	5	...	1 S. Bob ...	48
11th May ...	150	Do.	9	2	...	1 Rathnam ...	24

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Hand Jumper Cooly ...	Between 1,330 and 1,180 feet levels, McTaggart's Shaft.	XV	When climbing on to a stage he slipped and fell.	Scalp wounds, fracture of base of skull.
Timber Cooly ...	In the bandy road, 3,120 feet level, Ribblesdale's Shaft.	VI	When riding up on the chain of a riding bandy he struck against a shaft timber and fell.	Injury to spine (dorsal region). Fracture of left clavicle.
Hand Jumper Cooly ...	No. 2 Stope, 1,860 feet level South, McTaggart's Shaft.	XV	When loose was being taken down, a piece of rock rebounded from a plank and struck him.	Fracture of pelvis and punctured wound of right groin. Bruise of chest and left thigh.
Fireman ...	No. 1 Mill (Surface).	XXIII	A piece of timber, which was being put into position, slipped and fell on his foot.	Compound fracture of left 4th metatarsal bone and laceration of great toe, joint opened.
Second Mestri (C. No M. 3630 / B. 2,150.)	Sink below 2,510 feet level, McTaggart's Shaft.	XI	The fall of a loose stone from the hanging wall.	Compound fracture of right great toe.
Stuff Cooly ..	Ribblesdale's Shaft (Surface).	IV	The cage at surface was raised instead of lowered, the driver neglecting to reverse his engine. Cage was hung up on catchplate.	Injury to spine. Died in hospital on 20th May.
Assistant Blaster.	Stope, 1,660 feet level South, Mc Taggart's Shaft.	XIX	When loose was being taken down, a small piece of stone flew into his eye.	Neglected ulcer cornea with hypopim.
Hand Jumper Cooly ...	Stope, 1,760 feet level South, Mc Taggart's Shaft.	XIII	Through boring into a hole containing some blasting gelatine.	Multiple injuries.
Do.	Do.	Do.	Do.	Compound comminuted fracture of right hand; fracture of forearm and comminuted fracture of elbow (arm amputated).
Lander ...	Gilbert's Shaft (Surface).	XXIII	When removing quartz from the skip by means of a bar, a stone fell upon his foot.	Compound fracture of left great toe and laceration of 2nd toe.
Locomotive Fireman.	Near Tennant's Shaft (Surface).	XXII	When coupling up one wagon with another, his fingers were crushed between the buffers.	Compound fracture of left middle finger and wound of ring finger.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
14th May ...	161	The Mysore Gold Mine, Marikuppam, Bowringpet Taluk, Kolar District—(*continued*).	17-30	2½	...	1 Narayanan ...	36
21st May ...	168	Do.	12	5	...	1 C. Gangapah ..	35
26th May .	175	Do.	3	4	...	1 Maree ..	19
26th May ...	180	Do.	16-30	1½	...	1 Reddy ...	30
31st May ...	183	Do.	10	3	...	1 J. Forrest ...	46
31st May ...	184	Do.	10-30	3	1 B. Krishnan ...	...	27
						1 C. Perumal ...	35
2nd June ...	187	Do.	12-10	5⅙	...	1 S. Munian ...	38
6th June ...	192	Do.	18	3	...	1 Sooban ...	20
7th June ...	195	Do.	15	6	...	1 Chengalroyan ...	24
25th June ...	211	Do.	17-45	2¾	...	1 K. Ramaswami ...	30

AND SERIOUS ACCIDENTS

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Cotterman ...	Bottom of Tennant's Shaft.	XIII	Through boring into a socket containing a small amount of blasting gelatine.	Severe injuries to both eyes, multiple skin wounds of right arm and body. Punctured wound of right arm.
Mestri ... (C. No. M. 2543 / B. 800.)	No. 2 Stope, below 2,620 feet level South from end, South of Crosscut West, Ribblesdale's Shaft.	XIII	Do.	Fracture of right radius and loss of thumb; severe injury of right hand.
Assistant Blaster.	Drive, 2,240 feet level South, Tennant's Shaft.	XIX	A burst of rock.	Scalp wound, bone exposed and bruised; lacerated wounds of back, shoulder, bone exposed and chipped and compound fracture of right 2nd toe.
Cotterman ..	No. 2 End, South of No. 1 Winze below 3,226 feet level North, Ribblesdale's Shaft.	XIX	A small burst of quartz.	Severe deep lacerated wound into left knee joint.
Timberman ...	Stope, 1,550 feet level North, Tennant's Shaft.	XIX	A piece of stone flew out from a hitch which was being cut, and struck his face.	Compound fractures of frontal bone and nasal bone.
Loose Boy ...	In the Drive, 2,520 feet level North, Ribblesdale's Shaft.	I	While taking down loose a piece of rock fell upon him from the hanging wall.	Right hand smashed, rupture of urethra and internal injuries, bruise of right knee. Died in hospital the same day.
Mestri (C. No. M. 900) ...	Do.	Do.	Do.	Compound comminuted fracture of left oscalcis (heel torn off).
Cooly ...	No. 1 Mill Slime Pits, Cyanide Works (Surface).	XXIII	He cut his thumb with a mamooty while filling a chatty with slime.	Compound fracture of left thumb.
Stuff Cooly ...	Sink, below 2,550 feet level, Tennant's Shaft.	XI	Owing to the skip coming down too fast upon the skip rest he fell from the staging.	Simple fracture of right tibia and skin wound over knee; laceration of right index finger.
Gang Cooly ...	Outside No. 1 Mill (Surface).	XXIII	Crushed by a cam shaft which he and other coolies were lowering.	Compound fracture of right great toe.
Fireman ..	Tennant's Winding Engine (Surface).	XX	His finger was crushed while he was cleaning the piston rod of a pump when in motion.	Compound fracture of right middle finger.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
26th June ...	213	The Mysore Gold Mine, Marikuppam, Bowringpet Taluk, Kolar District—(*contd.*)	21-50	$6\frac{5}{6}$	1 Batchameah ...	...	45
2nd July ...	231	Do.	5	6	...	1. Narayanan ...	25
2nd July ...	216	Do.	9	2	...	1 Muniappah *alias* Mannar. ...	45
3rd July ...	218	Do.	10	3	1 Kathirvaloo ...	...	22
4th July ...	221	Do.	10	3	..	1 Abboo ...	35
5th July ...	222	Do.	19-30	$4\frac{1}{2}$	...	1 Ponnuswami ...	25
6th July ...	223	Do.	2-45	$3\frac{3}{4}$	1 Dell' Angelo Luigi.	...	30
					...	1 Yacob ...	23
7th July ...	230	Do.	12-30	$4\frac{1}{2}$	...	1 Rangan ...	28
9th July ...	235	Do.	14	7	...	1 Maree ...	50
11th July ...	237	Do.	11-30	$3\frac{1}{2}$	...	1 Kollapury ...	25

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Driver ...	Rowse's New Incline Electric Winding Engine (Surface).	XX	Probably injured by a piece of timber with which he was trying to stop the engine by jamming it between the crown wheel and the frame of the engine, or else by the crown wheel itself.	Fractured ribs of both sides, wound of lower jaw and scalp wound. Died in hospital on 27th June.
Assistant Blaster.	No. 5 Drive, North from No. 1 Winze at end of Crosscut East, below 3,226 feet level North, Ribblesdale's Shaft.	XIX	A burst of rock.	Deep and severe laceration of left thigh.
Timber Mestri (C. No. M. 932) ...	No. 1 Stope, below 2,420 feet level North, Ribblesdale's Shaft.	XV	While he was tightening a head-board, a stone fell upon his toe.	Compound fracture of left little toe.
Engine Cleaner Boy ...	Above 3,226 feet level South (Winding Engine Chamber), Ribblesdale's Shaft.	XVIII	His arm was caught by the machinery while he was cleaning the winding engine in motion.	Severe and extensive laceration of right arm and forearm, compound fracture of wrist. Died in hospital on 4th July.
Cotterman ...	No. 7 Drive, North from No. 1 Winze below 3,226 feet level North, Ribblesdale's Shaft.	XIX	A burst of rock caused a stone to fall upon his foot.	Compound fracture of 3rd metatarsal bones of left foot.
Cotterman ...	No. 5 Stope, 2,620 feet level North, Ribblesdale's Shaft.	XIX	A burst of rock caused a splinter of quartz to fly into his eye.	Wound of right cornea with prolapse of iris and traumatic cataract.
Contractor (C. No. M. 5403 / B. 3537)	Bottom of Rowse's Shaft.	I	A large burst of rock.	Neck broken and head smashed.
Stuff Cooly ...	Do.	Do	Do.	Compound comminuted fracture of both bones of left leg.
Cooly ...	Cyanide Works (Surface).	XXII	When turning a bandy at a turn table, another bandy ran over his heel.	Laceration of right heel.
Stuff Cooly ...	Sink, below 2,510 feet level, McTaggart's Shaft.	XI	A rock, which he was lifting, broke and a piece fell on his toe.	Compound fracture of left great toe and laceration of 2nd toe.
Cotterman ...	No. 3 Underhand Stope, 2,720 feet level South on Western branch, Ribblesdale's Shaft.	XIX	A burst of rock.	Compound fracture of left great toe.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
26th July ...	256	The Mysore Gold Mine, Marikuppam, Bowringpet Taluk, Kolar District—(*contd.*)	8	...	...	1 Parthasarathy ..	45
27th July ...	258	Do.	6	7	...	1 Muthuswami .	43
31st July ...	262	Do.	22-30	½	1 B. Peazold.	...	35
6th August ...	269	Do.	10-30	3½	...	1 Chinna Abboo ...	25
9th August ...	277	Do.	12	5	...	1 Ammasy ...	22
19th August ...	280	Do.	9	2	...	1 T. Raman ...	23
20th August ...	281	Do.	15 30	8½	...	1 Maree ...	18
10th September...	302	Do.	10	3	...	1 Raman ...	28
14th September ..	308	Do.	17	2	...	1 B. Muniswami ...	28
21st September ...	316	Do.	13	5½	...	1 G. Arokiaswami ..	40
22nd September ...	317	Do.	12-30	5½	...	1 Bob ...	25
27th September ...	324	Do.	5-30	6½	6 Manickam ...	...	19
					Kurian ...	...	18
					Ramaswami ...	...	22
					Muniswami ...	...	25

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—(*continued*)

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Stuff Mestri (C. No. M. 4599 / B. 2723)	In the bandy road, 450 feet level, McTaggart's Shaft.	VI	While riding down on the front portion of the riding-bandy where there is no seat, his leg slipped and got caught between the shaft timbers (backing piece) and frame of bandy.	Fracture of right thigh and wound of right knee.
Contractor (C. No. M. 1602 / B. 1705)	Drive, 750 feet level, Tennant's Shaft.	XIX	While waiting to pass under a Rise through which stuff was being thrown down, a small stone from the Rise fell on his foot.	Compound fracture of right great toe.
Rope Changer and Shaft Watchman	In the Skip road, below 400 feet level, Hancock's Shaft.	VI	While riding up on the edge of the skip (contrary to orders), he was knocked off by the mouth of the ore-shoot below the 400 feet level, and fell into the shaft.	Serious injuries to head and body. Killed instantaneously.
Stuff Cooly ..	Drive, 2,720 feet level, Ribblesdale's Shaft.	XV	While working under a shoot, a stone from the stope above, fell on his foot.	Compound fracture of left 2nd toe and laceration of 1st toe.
Timber Cooly ...	2,020 feet level North, Ribblesdale's Shaft.	XIX	While fixing a stull piece it slipped out of the hitch and fell on his foot.	Laceration of left great toe.
Timber Cooly ...	No. 2 Stope, 1,650 feet level South, Tennant's Shaft.	XVII	While coming up into the level from the stope by catching hold of the rail, the wheel of a passing bandy ran over his fingers.	Severe laceration of right little and ring fingers.
Stuff Cooly ...	2,820 feet level South, Ribblesdale's Shaft.	XIX	While lifting a fairly big piece of quartz, it broke into two pieces, one of which fell on his foot.	Compound fracture of right little toe.
Rock Drill Contractor (C. No. M 3272 / B. 1731.)	No. 5 Stope, 1,750 feet level North, Tennant's Shaft.	XV	While working in a stope he fell off the stage.	Simple fracture of left ulna and wound of right great toe.
Rail Boy ...	Plat, 2,920 feet level, Ribblesdale's Shaft.	XI	While putting a jim-crow down, it slipped out of his hands and dropped on his foot.	Compound fracture of right 5th toe.
Trammer ...	Cyanide Works (Surface).	XXII	While tramming under the collecting vats his finger was caught between the edge of the tram and a projecting shoot door.	Compound fracture of left little finger.
Stuff Cooly ...	750 feet level South, Tennant's Shaft.	XIX	In getting down from a shoot after clearing it, he stepped on a sharp piece of quartz and cut his foot.	Compound fracture of left great toe.
Stuff Cooly ...	Sink, below 3,020 feet level, Rowse's Shaft.	V	While hoisting stuff through the shaft, the rope broke and the skip dashed into the sink.	Injuries to head and body; general mutilation.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
27th September ...	324 (*contd.*)	The Mysore Gold Mine, Marikuppam, Bowringpet Taluk, Kolar District—(*contd.*)	5-30	6½	Murugase ...	...	30
					and		
					Chinnapiah ...	...	22
					...	1 Munian ...	22
27th September ...	325	Do.	...	...	1 Marimuthu ...	...	19
6th October ...	337	Do.	11	4	...	1 C. Rajoo ...	40
19th October ...	349	Do.	13-30	5½	...	1 A. Irchen ...	13
23rd October ...	353	Do.	18-30	10½	...	1 C. Marimuthu ...	25
27th October ...	361	Do.	10	3	...	1 Narainaswami ...	28
6th November ...	365	Do.	12	5	...	1 Kondapah ...	35
12th November ...	368	Do.	10	2	...	1 Appadu ...	22
13th November ...	369	Do.	8-30	1½	...	1 Chinnappan ...	23
13th November ...	370	Do.	11	4	...	1 Muniswami ...	34
14th November ...	371	Do.	6	7	1 Armugam ...	...	18

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Stuff Mestri (C. No. M. 5424 / B. 3555.)	Sink, below 3,020 feet level, Rowse's Shaft.	V	While hoisting stuff through the shaft, the rope broke and the skip dashed into the sink.	Injuries to head and body; general mutilation.
Stuff Cooly ...	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Compound comminuted fracture of pelvic bone.
Asst. Blaster ..	In the Skip Road, 1,460 feet level, Ribblesdale's Shaft.	XI	Struck by a passing skip while in the skip road, where he had no right to be.	Head smashed and injuries to body.
Timber Mestri (C. No. M. 1783).	No. 1 Stope, 1,750 feet level North, Tennant's Shaft.	XV	While working down the loose in a stope a small stone fell on his foot.	Compound fracture of left 4th toe.
Shovel Boy ...	Rowse's Picking Floors (Surface).	XXII	While trying to raise himself on to the platform from under some waggons, the train moved and the wheel of a waggon passed over his foot.	Compound comminuted fracture of right leg (amputated), wounds of both hands.
Trammer ...	No. 1 Mill Bins (Surface).	XXII	While turning a truck on the iron grease plate, the front wheel of the truck ran over his foot.	Compound fracture of right 3rd metatarsal bone and laceration of toes
Machine Mestri (C. No. M. 4602 / B. 2727.)	No. 5 End below 3,226 feet level North, Ribblesdale's Shaft.	XIX	While tightening a rock drill on a bar, a shale of rock split off from the back of the drive and fell on his hand.	Compound fracture of right index finger and laceration of hand.
Timber Mestri (C. No. M. 927).	No. 2 Underhand Stope, 2,320 feet level North, Ribblesdale's Shaft.	XIX	While cutting a hitch, a chip of stone hit and broke his finger.	Compound fracture of right index finger.
Trammer ...	Near Winding Engine, Cyanide Works (Surface).	XXII	Leg caught between the wheels while attempting to jump on the frame of a bandy which was in motion.	Compound fracture of right leg and wound of foot.
Timber Cooly ...	Plat, 1,350 feet level, Hancock's Shaft.	XI	A shale of rock split off from the brow of the plat and struck him on the arm.	Simple fracture of both bones of left forearm, and skin wounds of feet.
Fitter ...	Stone Breaker Yard (Surface).	XX	The leg of his trousers was caught by the coupling of the revolving belt shafting, which he was attempting to cross, and he was knocked down.	Fracture of left forearm, nasal bone and wounds of forehead.
Blaster's Cooly ...	In the end, 2,385 feet level South (on old shoot) Mc. Taggart's Shaft.	XIV	It is presumed that while charging a hole with blasting gelatine, it exploded but for what reason it could not be ascertained.	Compound fracture of right upper arm and forearm, severe wounds of face and chest and compound fracture of left shoulder. Died in hospital on 15th November.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
25th November ...	383	The Mysore Gold Mine, Marikuppam, Bowringpet Taluk, Kolar District—(*contd.*)	13	6	...	1 Chengah ...	45
27th November ...	388	Do.	13	7	...	1 B. Perumaul ...	40
1st December ...	394	Do.	11	4	...	1 Chellan *alias* Soorapally	33
2nd December ...	395	Do.	15-30	...	...	1 Ponnen ...	47
6th December ...	400	Do.	18	3	...	1 Padavattan ...	19
6th December ...	401	Do.	20	5	...	1 Annamalay ...	25
7th December ...	402	Do.	6	7	1 Maduray ...	...	27
15th December ...	408	Do.	16-30	8½	...	1 Rasandram ...	25
15th December ...	409	Do.	19	4	...	1 Fred. Noel ...	30
18th December ...	412	Do.	13-30	6½	2 Iyavoo ...	...	37
					and		
					Palkavardoo ...	...	20

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Machine Contractor (C. No. M. 295) ...	Stope, below 3,226 feet level South, Ribblesdale's Shaft.	XV	While carrying the saddle of a machine down the stope it struck a casuarina pole and some loose which it supported fell and hit him on the legs.	Compound fracture of left little finger, laceration of left foot and contusion, laceration of left leg and wound of right leg.
Trammer ...	On the Auxiliary Shaft Plat, 3,226 feet level South, Ribblesdale's Shaft.	XIX	While dismantling a dry stone wall a piece of rock fell on his foot.	Compound fracture of right 1st metatarsal bone.
Timber Mestri (C. No. M 2305).	No. 2 Stope, 1,450 feet level North, Tennant's Shaft.	XIX	While putting up a prop in the stope, it swung round and hit him over the shoulder.	Fracture of right clavicle.
Donkey Driver ...	Plat, 1,000 feet level, Gilbert's Shaft.	XI	When climbing down the shaft, he placed his hand on a runner and the skip went over his fingers.	Compound fracture of left ring and little fingers.
Cotterman ...	No. 2 Stope, 2,720 feet level North on East part of lode, Ribblesdale's Shaft.	XIX	Due to a burst of quartz.	Rupture of left eye-ball and wound of chin.
Filler ...	Shoot, 1,860 feet level, McTaggart's Shaft.	X	While working in a shaft, a stone fell on his foot from part way down the shaft.	Compound fracture of tarsal bones of right foot and severe laceration.
Donkey Driver ...	In the Skip-road, 3,120 feet level, Ribblesdale's Shaft.	VIII	While working in the skip-road, he slipped and fell breaking his leg between a sleeper and the foot wall of the shaft.	Fracture of lower end of left tibia and contusion. Died in hospital on 31st December.
Trammer ..	Picking Floor Shoot (Surface).	XXII	While turning a bandy round full of quartz under the picking floors, his finger got jammed between the truck and one of the up-rights.	Compound fracture of left little finger.
Assistant Millman ...	No. 3 Mill (Surface).	XXIII	Hand jammed between the mortar box of a 5 head battery and a steel bar, which he was holding, owing to one of the heads falling off from a stem.	Compound comminuted fracture of right ring finger, lacerated wounds of second and fifth fingers.
Machine Mestri (C. No. M. 5632 / B. 3705)	In the bandy road between 1,450 and 1,550 feet levels, Tennant's Shaft.	XI	They were either struck by a descending skip, or fell when attempting to get on an ascending bandy.	Severe internal injuries. Killed on the spot.
Hand Jumper Cooly ...	Do.	Do.	Do.	Scalp wound, severe contusion of left eyelid, wound of forearm and bruised chest. Died in hospital on 28th December.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
24th December ...	419	The Mysore Gold Mine, Marikuppam Bowringpet Taluk, Kolar District—(*contd.*)	10	3	...	1 Muthuswami ...	35
30th December ...	425	Do. (*Concld.*) ...	11	4	...	1 Chennan ...	27
2nd January ..	1	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District.	14	7	...	1 P. Chadayan ...	18
3rd January ...	2	Do.	11	4	..	2 Ponnuswami ...	35
						and	
						G. Muniswami ...	23
3rd January ..	3	Do.	11	4	...	1 Rangan ...	25
4th January ..	4	Do.	16-45	$8\frac{3}{4}$	...	1 V. Ponnen ...	26
5th January ...	6	Do.	14-55	$7\frac{11}{12}$	...	1 Kullan ...	35
5th January ..	5	Do.	17-20	$2\frac{1}{3}$	3 G. Gungan ...	..	28
					G. Munian ...	...	33
					and		
					Pallikoodathan ...	...	28
					...	3 Chevatoo Kuppa.	35

OF MYSORE, DURING THE YEAR 1909.—*continued.* Table 13—(*continued.*)

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Machine Mestri (C. No. M. 2601 / B. 1636)	No. 3 Rise, No. 1 level North from No. 1 Winze below 3,226 feet level North, Ribblesdale's Shaft.	XIX	A burst of quartz.	Severe laceration of right leg.
Hand Jumper-Cooly ...	No. 3 Rise (Stripping) 2,340 feet level South, Tennant's Shaft.	XIII	Through the explosion of some blasting gelatine, probably when the men were starting to deepen an old hole.	Compound depressed fracture of skull, loss of both eyes.
Black Stone Cooly ...	North Drive, 23rd level, Garland's Shaft.	XIX	While lifting a piece of black rock, his hand was crushed between it and the ground.	Compound fracture of right 5th finger and laceration of hand, tendon severed.
Hand Jumper 2nd Mestri (C. No. M 1410.) ...	Stope, 20th level, Rowe's Shaft.	XIX	Struck by falling stones shaken down by a severe quake.	Severe laceration of left knee, elbow and sole of right foot.
Hand Jumper Cooly ...	Do.	Do.	Do.	Compound fracture of left great toe.
Hand Jumper Cooly ...	Stope, 20th level, Rowe's Shaft.	XIX	While rolling a stone his thumb was caught beneath it.	Compound fracture of left thumb.
Fitter Cooly ...	Fitting Shop (surface).	XX	While greasing a drilling machine in motion, his fingers were caught between the cogs.	Compound fracture of right index and middle fingers.
Hand Jumper Cooly ...	Stope, 12th level, Ribblesdale's Shaft.	XIII	Through boring into a socket containing a small amount of blasting gelatine.	Multiple wounds of chest, left forearm and hand, and severe laceration of sole of left foot.
Timber Cooly ...	Plat, 20th level, Carmichael's New Incline Shaft.	XI	While retimbering the shaft at the 20th plat an air blast occurred, partially filling the shaft with broken rock and burying some of the men working there.	Crushed under falling stuff. Killed instantaneously.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Compound fracture of right ulna. Fracture of left humerus, &c. Died in hospital on 6th January.
Timber Mestri (C. No. M. 1375.)	Do.	Do.	Do.	Severe laceration of left forearm, hand and right arm, multiple wounds of face and scalp. Injury to right eye. Wounds of both legs and feet.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night.)	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
5th January ...	5 (*contd.*)	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*).	17-20	2⅓	...	Kundan ...	30
						and	
						Muniswami ...	26
7th January ...	11	Do.	9	2	...	1 P Ponnan ...	25
9th January ...	9	Do.	13	6	...	1 Mahadevan ...	32
10th January ...	12	Do.	9-30	2½	...	1 T. Mottay ...	17
15th January ...	16	Do.	22	7	...	1 Kally ...	25
16th January ...	13	Do.	12-40	5⅔	...	1 Perumal ...	20
23rd January ...	28	Do.	20-15	5¼	...	1 Oolagan ...	30
24th January ...	29	Do.	5	6	...	1 V. Syed Adam ..	20
24th January ...	30	Do.	10-30	3½	...	1 Chengadoo ...	30
26th January ...	33	Do.	11-30	4½	...	1 C. Anthony ...	24
26th January ...	34	Do.	12	5	...	1 C. Perumal ...	20
26th January ...	35	Do.	12	5	...	1 Subban ...	20
29th January ..	39	Do.	12	5	...	1 Muthan ...	25

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Timber Cooly ..	Plat, 20th level, Carmichael's New Incline Shaft.	XI	While retimbering the shaft at the 20th plat an air blast occurred, partially filling the shaft with broken rock and burying some of the men working there	Compound fracture of outer table of skull and multiple scalp wounds.
Do.	Do.	Do.	Do.	Compound fracture of left leg, severe laceration into right knee joint and laceration of right forearm.
Hand Jumper Cooly ..	Stope, 23rd level, Garland's Shaft.	XIX	A burst of rock.	Wound of right knee.
Stuff Cooly ...	Chute, 19th level, Carmichael's Shaft.	XIX	While filling a bandy from a chute, a stone from the latter fell on his toes.	Compound fracture of right great toe and laceration of 2nd toe.
Stuff Cooly ..	North Drive, 17th level, Rowe's Shaft.	XVII	While pushing a bandy his finger was crushed between the side of the drive and the edge of the bandy, owing to the latter getting derailed.	Compound fracture of right ring finger.
Stuff Cooly ..	North Drive, 21st level, Garland's Shaft.	XIX	Struck by some stones which were shaken from the back of the drive by a big air blast.	Wounds of scalp, left knee and 1st toe, bones exposed, bruise of back.
Timber Cooly ..	Stope, 21st level, Garland's Shaft.	XIX	A burst of rock.	Laceration and contusion of right ankle and foot, wounds of forehead and right shoulder.
Hand Jumper Cooly ...	Stope, 14th level, Glen Shaft.	XIX	An air blast shook down some pieces of rock from the hanging wall.	Compound fracture of outer table of skull and laceration of left knee joint.
Assistant Blaster.	South Drive, 28th level, Glen Shaft.	XIX	A burst of quartz.	Laceration over right tendo achilles, tendon wholly divided.
Hand Jumper Cooly ...	Stope, 17th level, Carmichael's Shaft.	XIX	A burst of rock.	Simple fracture of right clavicle and bruise of scapula.
Timber Cooly ...	Sink, Garland's Shaft.	XI	The bar, with which he was pinching out a piece of loose rock, slipped and dropped upon his toe.	Compound fracture of left great toe.
Black Stone Cooly ...	South Drive, 16th level, Ribblesdale's Shaft.	XIX	When lifting a large piece of rock, it slipped out of his grasp and crushed his finger.	Compound fracture of left middle finger
Hand Jumper Cooly ...	Stope, 22nd level, Rowe's Shaft.	XV	A small piece of timber fell from a trolley into a stope and struck him.	Fractured rib of right side.
Stuff Cooly ...	North Drive, 20th level, Garland's Shaft.	XIX	When he was breaking a rock, a small piece flew into his eye.	Ulcer of left cornea due to neglected injury. Intense anœmia.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
2nd February ..	42	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	6	7	...	1 V. Murugan ...	19
2nd February ...	43	Do.	12-30	5½	...	1 Govindan ..	30
3rd February ..	45	Do.	10	3	...	1 V. Rajoo ...	22
3rd February ...	46	Do.	17	9	...	1 K. Murugan ...	15
3rd February ...	47	Do.	17-20	9½	...	1 Aryan ...	35
8th February ...	48	Do.	5	6	1 Raghavan ...	..	35
9th February ...	51	Do.	13	6	...	1 Chinnappan ...	22
11th February ...	50	Do.	12	5	...	1 R. Arunachalam ...	26
12th February ...	52	Do.	12	5	2 Muniswami ...	...	33
					and		
					Gangan ...	...	28
15th February ..	53	Do.	13	6	...	1 P. Vadivaloo ...	19
16th February ...	54	Do.	6	7	...	1 Muniswami ...	32

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Stuff Cooly ...	Sink, Tennant's New Incline Shaft.	X	A stone fell upon him from the skip road, when working in the sink.	Compound fracture of frontal bone.
Timber Cooly ...	South Drive, 18th level, Ribblesdale's Shaft.	XIX	A piece of timber rolled upon his leg.	Simple comminuted fracture of both bones of right leg.
Timber Cooly ...	South Drive 19th level, Glen Shaft.	II	A stone from the back of the level fell upon his hand.	Compound fracture of left ring finger; punctured and inflamed wound of dorsum of left hand and laceration of middle finger.
Boiler Cleaner ...	Near Tennant's Shaft Pumping Engine Room (Surface).	XXIII	When mixing litholine and water in a chatty, he slipped and dropped the chatty, and some of the compound went into his eye.	Scald of left eye.
Coal Cooly ...	Bridge near No. 1 Compressor House (Surface).	XXII	A wooden rail support broke owing to a collision of two full coal trucks.	Compound fracture of left leg and severe laceration into knee joint.
Blaster (C. No. B. 944) ...	North Drive, 28th level, Garland's Shaft.	XIV	A charged hole exploded before he was in a place of safety.	Left forearm broken, left side opened (the stomach protruding) and cut on the left thigh.
Hand Jumper Cooly ...	Stope, 18th level, Rowe's Shaft.	XIII	Boring into an old hole containing a small quantity of blasting gelatine.	Injury to both eyes, multiple wounds of left thigh, forearm, palm of hand and chest, burn on face and laceration of leg.
Skip Road Mestri (C. No. M. 4516) ...	Skip Road, 8th level, Rowe's Shaft.	VIII	He was knocked down by the rope in the skip road and fell down the shaft.	Lacerated scalp wound, injury to skull and chest, etc.
Handleman ...	Sink, Rowe's Shaft.	X	The fall of a plank in the shaft.	Injuries to chest and skull, fractured ribs, left thigh, etc. Died on arrival at hospital.
Timber Cooly ...	Do.	Do.	Do.	Compound fracture of skull; brains dashed out. Died in hospital the same day.
Black Stone Cooly ...	Stope, 18th level, Garland's Shaft.	XV	When packing black rock in a stope he dropped a stone upon his foot.	Compound fracture of right 4th toe.
Blaster (C. No. B. 1322) ...	Stope, 17th level, Ribblesdale's Shaft.	XIX	A burst of quartz.	Compound fracture of 5th metacarpal bone.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
16th February ...	55	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	13	6	...	1 Rangaswami ...	20
18th February ...	56	Do.	2-30	3½	...	1 Periaswami ...	20
22nd February ...	64	Do.	18	3	...	1 Munian ...	25
23rd February ...	60	Do.	8-15	1¼	...	1 V Raman ...	29
24th February ...	62	Do.	9-45	2¾	...	1 Duraiswami ...	40
1st March ...	65	Do.	11-30	4½	...	1 Kempan ...	35
2nd March ...	67	Do.	14	7	1. V. Yellan ...	...	45
5th March ...	71	Do.	16-55	1-55	...	1 N. Muthan ...	20
6th March ..	73	Do.	13-30	5½	...	1 Nayanah ...	20
9th March ...	74	Do.	14-40	7⅔	...	1 T. Shanmugham.	30
12th March ...	77	Do.	8-30	1½	...	1 C. Poongan ...	27
17th March ...	80	Do.	7-30	½	...	1 Chinnappan ...	35
17th March ...	81	Do.	11	4	...	1 P. Maury ...	35

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Skip Road Cooly.	Skip Road, 17th level, Glen Shaft.	XI	When lifting a door he allowed it to drop on his foot.	Compound fracture of right 2nd metatarsal bone.
Stuff Cooly ...	Sink below 29th level, Tennant's Incline Shaft.	VIII	When climbing down the shaft he slipped from the ladder and fell to the bottom, a distance of about 30 feet.	Fracture of ribs of left side and scalp wounds, bone exposed ; shock.
Stuff Cooly ...	Drive North, 21st level, Garland's Shaft.	XIX	An air blast caused some rock to fall upon him.	Wound into right knee joint. Bruise and skin wounds of back, leg and scalp.
Timber Cooly ...	Tennant's Shaft (Surface).	XXIII	His foot was crushed by a piece of timber which he was moving.	Fracture of right inner malleolus.
Timber Cooly ...	Drive North, 17th level, Rowe's Shaft	XIX	His finger was crushed between two planks.	Compound fracture of left little finger.
Trammer ...	Quartz Yard, No. 1 Mill (Surface).	XXII	While putting a derailed bandy on the track, his foot was crushed by one of the wheels.	Compound fracture of right 2nd, 3rd, and 4th metatarsal bones.
Hand Jumper Mestri (C. No. M. 3628) ...	Stope, 15th level, Ribblesdale's Shaft.	XIII	While he was taking down loose with a bar, the latter caused some gelatine in a partially misfired hole to explode.	Compound fracture of right forearm. Compound fracture of right 4th rib. Lacerated wounds of both thighs. Injury to both eyes and multiple wounds of body. Died in hospital on 3rd April.
Black Stone Cooly ...	Plat, 21st level, Carmichael's Shaft.	XVII	The wheel of a bandy ran over his toe.	Compound fracture of left great toe.
Trammer ...	Bottom of Picking Floor (Surface).	XXII	A bandy ran over his foot.	Severe laceration of sole of right foot and fracture of 4th and 5th metatarsal bones.
Striker ...	New Smith's shop (Surface).	XX	Through the breakage of a spring die while an iron bar was being welded under the steam hammer.	Compound fracture of right ring finger.
Bar Cooly ...	Stope, 17th level, Rowe's Shaft.	XIX	Owing to a burst of rock, a sharp stone fell upon his foot.	Part of right foot cut off.
Timber Cooly ...	Carpenter's shop, (Surface).	XXIII	A plank fell upon his foot.	Bruise of right foot and fracture of 5th metatarsal bone.
Timber Mestri (C. No. M.1237).	Drive South, 22nd level, Ribblesdale's Shaft.	XVII	His foot was crushed by the wheel of a timber trolly.	Compound fracture of left 2nd and 5th toes.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
18th March ...	83	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	15	8	...	1 Periapian ...	28
19th March ...	84	Do.	12	5	...	1 Narian ...	25
20th March ...	87	Do.	18	1	...	1 Parasuraman ...	40
21st March ...	88	Do.	7-30	16½	...	1 Kalan ...	34
22nd March ...	90	Do.	12	5	...	1 Rathnam ...	40
25th March ...	91	Do.	6	7	...	1 A. Munian ..	30
25th March ...	94	Do.	13-30	6½	...	2 Narain Nair ...	30
						and	
						Ganapathy Nair...	28
25th March ...	93	Do.	22	7	...	1 Sankaran ...	25
28th March ...	105	Do.	14-10	7⅙	...	1 Muthial ...	40
28th March ...	98	Do.	14-45	7¾	...	1 Perumal ...	35
29th March ...	100	Do.	23-30	½	...	1 Tulkanam ...	35
30th March ...	101	Do.	18-30	3½	...	1 Karuppan ...	30

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—(*continued.*)

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Timber Cooly ...	Plat, 27th level, Rowe's Shaft.	XI	While he was taking timber from a skip, his foot was crushed by a plank on which the skip was resting.	Compound fracture of 2nd and 3rd metatarsal bones of right foot.
Timber Cooly ...	Drive South, 22nd level Carmichael's Shaft.	XVII	His finger was crushed between a piece of timber and the trolly on which it was resting.	Compound fracture of right little finger.
Trammer ...	No. 1 Cyanide works, (Surface).	XXII	His finger was crushed between two bandies.	Compound fracture of right ring finger.
Hand Jumper Cooly ...	Stope, 20th level, Garland's Shaft.	XIX	A small air-blast or burst of rock.	Compound fracture of left great toe and laceration of right thumb.
Pipe Cooly ...	Plat, 27th level, Glen Shaft.	XVII	The wheel of a bandy went over his foot.	Severe laceration of right great toe and compound fracture of 2nd toe.
Stuff Cooly ...	Sink below 30th level, Tennant's Incline Shaft.	XI	He was removing stuff from a pile in the sink, when a stone rolled from the top of the pile on to his foot.	Compound fracture of 2nd, 3rd and 4th metatarsal bones of left foot.
Hand Jumper Cooly ...	Stope, 3rd level, Carmichael's Shaft.	XIII	Through boring into a socket containing some blasting gelatine.	Compound fracture of 5th metacarpal bone and very severe laceration of right hand. Multiple wounds of left hand.
Do.	Do.	Do.	Do.	Injury to both eyes, punctured wound over lower jaw and loss of a tooth.
Hand Jumper Cooly ...	Stope below 21st level, North of Carmichael's New Incline Shaft.	XIX	An air-blast.	Compound fracture of right radius and skin wound of back.
Cotterman ..	Sink, Tennant's Incline Shaft.	XI	A burst of rock.	Compound fracture of left index finger.
Skip Road Cooly.	Skip Road, 19th level, Ribblesdale's Shaft.	VIII	Fell from a ladder for a few feet down the shaft.	Simple fracture of right thigh.
Skip Cooly ...	Carmichael's New Incline Shaft (Surface).	XXII	Hand caught under wheel of cage, while helping to change it.	Compound fracture of left middle finger and laceration of index finger.
Stuff Cooly ...	Sink, Glen Shaft.	XI	The fall of a stone in the shaft due to the skip being overfilled.	Compound fracture of left 4th and 5th metatarsal bones and laceration of left leg.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
31st March ...	102	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	6	7	...	1 Chinnaswami ...	30
2nd April ...	107	Do.	11-30	4½	...	1 V. Kandan ...	45
5th April ...	1 09	Do.	11	4	...	2 Munian ...	25
						and	
						Chinnayan ...	25
6th April ...	111	Do.	11-50	4⅚	1 Ponnan ...	...	26
6th April ...	110	Do.	12	5	...	1 Annamalay ...	28
7th April ...	112	Do.	15	8	...	1 P. Muthoo ...	25
11th April ...	114	Do.	11-30	4½	1 Palany ...	...	30
14th April ...	123	Do.	10	3	...	1 Chendrayan ...	30
17th April ...	12	Do.	13-30	6½	1 K. Ramaswami ...	...	25
17th April ...	126	Do.	17-25	10½	...	2 Raman ...	32
						and	
						Munian ...	35

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Stuff Cooly ...	Shoot, 20th level, Rowe's Shaft.	XIX	A stone dropped upon his foot when he was filling a bandy from the shoot.	Compound fracture of left 1st and 2nd metatarsal bones.
Hand Jumper Cooly ...	Stope, 8th level, Ribblesdale's Shaft.	XIX	When clearing quartz in a shoot pass, a large piece of rock rolled upon him.	Extensive laceration of right forearm and wound of right leg.
Hand Jumper Cooly ...	Stope, 19th level, Carmichael's Shaft.	XIX	A burst of quartz.	Severe laceration of right foot and fracture of right great toe.
Do.	Do.	Do.	Do.	Laceration over left tendo achills, tendon divided.
Jumper Cooly ...	Skip Road between 21st and 22nd levels, Garland's Shaft.	XI	He was struck by the descending skip when working in the shaft.	Fracture and dislocation of dorsal spine, and laceration of right hand. Died in hospital on 22nd April.
Timber Cooly ...	Winze, 21st level, Garland's Shaft.	XIX	A small burst of quartz.	Compound fracture of right 3rd metatarsal bone.
Blacksmith ..	Blacksmith's shop (Surface).	XX	When getting a collar bent at the steam hammer, the block holding the collar slipped and fell on his toe	Compound fracture of left great toe.
Skip Road Cooly	Skip Road, Ribblesdale's Shaft.	VIII	When climbing across the shaft he slipped and fell.	Fracture of left leg. Laceration of left knee, scalp wound and fracture of base of skull. Died 10 minutes after arrival in hospital.
Black Stone Cooly.	Shoot, 17th level, Tennant's Vertical Shaft.	XI	Owing to a piece of timber breaking he fell into the shoot.	Extensive and severe laceration of right leg; scalp wound.
Carpenter Cooly.	Otto Ropeway platform (Surface).	XXII	He was knocked off the Otto Ropeway platform by a moving bucket and fell to the ground about 40 feet.	Compound fracture of left arm, wound of lower eyelid and internal injuries. Died in hospital the same day.
Hand Jumper Cooly ...	Stope, 25th level, Garland's Shaft.	XIII	Through boring into the bottom of an old hole which contained some blasting gelatine.	Simple fracture of forearm and upperarm; compound fracture of left hand, laceration of right little finger and bruise of face and chest.
Hand Jumper Mestri (C. No. M. 1004).	Do.	Do.	Do.	Injury to both eyes and bruise of chest.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
22nd April ..	130	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	12	5	...	1 Govindaswami ...	21
25th April ...	132	Do.	5-45	10¾	...	1 Brighenti Giacomo.	35
25th April ...	131	Do.	10-6	3 1/10	...	1 Veeraswami ...	31
25th April ...	133	Do.	10-30	11½	...	1 Buddah ...	25
28th April ...	135	Do.	18-30	3½	...	1 Ramaiya ...	28
29th April ...	136	Do.	14-30	7½	...	1 G. Marimuthoo ...	20
29th April ...	137	Do.	15-10	7⅙	...	1 M. Viraraghavaloo.	20
3rd May ...	141	Do.	10	3	...	1 Andy ...	32
7th May ...	145	Do.	8-30	1½	...	1 Parasuraman ...	27
8th May ...	146	Do.	3	5	...	1 D. Rangan ...	25
12th May ..	156	Do.	14-10	7⅙	...	1 Michael ...	30
13th May ...	158	Do.	16-30	1½	...	1 K. Mohadin ...	35
15th May ...	162	Do.	3	4	...	1 Tholasy ...	19

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—(*continued.*)

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Timber Cooly ...	South Drive, 15th level, Ribblesdale's Shaft.	XIX	The fall of a stone from the back of the drive.	Compound fracture of right 2nd toe.
Miner ...	Bottom of New Circular Shaft.	XI	While clearing stuff in the sink, a burst of rock occurred in the side of the shaft below the bricking, pieces of which struck him.	Laceration of right knee, contusion of left ankle and multiple bruises.
Hand Jumper Mestri (C. No. M. 1017).	Stope, 20th level, Garland's Shaft.	XIII	Tampering with a socket containing a small portion of an unexploded charge of gelatine.	Fracture of left forearm and wound of left hand. Fracture of right forearm and right hand smashed. Foreign bodies in eyes.
Assistant Blaster.	17th level, Ribblesdale's Shaft.	XIX	Struck by a stone shaken down by an air blast.	Compound fracture of right great toe.
Skip Road Cooly ..	Plat, 27th level, Carmichael's Shaft.	XI	His finger was crushed by a piece of timber which he was putting down in the plat.	Compound fracture of right ring finger.
Cotterman ..	Bottom of the New Circular Shaft.	XI	A small piece of plank from a stage fell upon him.	Compound fracture of nose.
Mason ...	Married Quarters (Surface).	XXIII	He fell when getting down from the roof of a house by means of a ladder.	Simple fracture of both bones of right leg.
Capstan Cooly ...	Capstan Road, 18th level, Tennant's Shaft.	XI	When lifting up the plat door, he let it fall upon his toe.	Compound fracture of left great toe.
Timber Cooly ...	Ribblesdale's Shaft (Surface).	XXIII	While helping to roll a piece of timber, his finger was crushed by it.	Compound fracture of left middle finger.
Blaster (C. No. B. 1381) ...	Stope, 23rd level, Ribblesdale's Shaft.	XIX	A small burst of rock.	Abrasion of left foot, fracture of toe.
Trammer ...	Bottom of Picking Floor Hoist (Surface).	XXII	His finger was crushed between two loaded bandies.	Compound fracture of left ring finger and wound of left little finger; nail gone.
Hand Jumper Mestri (C. No. M. 839).	Stope, 21st level, Garland's Shaft.	XIX	A burst of rock.	Severe laceration of left leg, tendo achilles exposed and partly divided. Lacerated wounds of left wrist, joint opened and skin wounds of both shoulders.
Black Stone Cooly ..	22nd level, Ribblesdale's Shaft.	XIX	His finger was crushed by a piece of rock which he was lifting.	Compound fracture of left ring finger.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night.)	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
16th May ...	163	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	7-45	¼	...	1 K. Muniswami ...	19
19th May ...	167	Do.	10-30	3½	...	1 Chedian ...	28
21st May ...	169	Do.	14-45	¼	...	1 Ramaswami ...	28
22nd May ...	171	Do.	13-15	6¼	...	1 Chevathan ...	40
24th May ...	172	Do.	12	5	...	1 K. Byran ...	19
25th May ...	173	Do.	8	1	...	1 Royapan ..	35
25th May ...	174	Do.	12	5	...	1 T. Palaney ...	26
27th May ...	177	Do.	9-45	2¾	1 Muniswami ...	...	21
27th May ...	176	Do	12	5	...	1 Ponnuswami ...	22
28th May ...	179	Do.	10-30	3½	...	1 Muniswami ...	20
1st June ...	186	Do.	13	6	...	1 Duraiswami ...	23
3rd June ..	188	Do.	11-30	4½	...	1 Seethapah ...	40
4th June ...	189	Do.	5	6	...	1 Periaswami ...	18
4th June ...	190	Do.	8	1	...	1 Ponnuswami ...	26

OF MYSORE, DURING THE YEAR 1909—*continued.* **Table 13**—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Oil Boy ...	No. 2 Cyanide Works (Surface).	XXII	While he was oiling a pulley, his fingers were caught between the rope and pulley.	Compound fracture of right little finger and laceration of ring finger. Compound fracture of left index finger and wound of middle finger.
Mestri ..	Mill tram line, Ribblesdale's Shaft (Surface).	XXII	When putting the brake on a waggon his foot slipped and his toe was caught under the wheel.	Compound fracture of right great toe, nail off.
Bar Cooly ..	Ladderway below 22nd level, Glen Shaft.	X	Struck by a portion of a dividing which fell through the ladderway.	Bruise of right leg, wound of right foot and simple fracture of right 1st, 2nd, 3rd and 4th metatarsal bones.
Black Stone Cooly.	Plat, 21st level, Garland's Shaft.	XI	His leg was struck by a piece of timber which he was rolling up a plank on to a trolly.	Fracture of left fibula.
Hand Jumper Cooly ...	Stope, 20th level, Garland's Shaft.	XIX	When moving a piece of rock, his finger was jammed against another stone.	Compound fracture of left index finger, nail off.
Cooly ..	No. 2 Cyanide Works (Surface).	XXIII	When lifting a plank through a manhole, it fell and jammed his finger against a pipe.	Compound fracture of right little finger.
Hand Jumper Cooly ...	Stope, 28th level, Rowe's Shaft.	XIX	A small burst of rock.	Compound fracture of left 3rd toe and laceration of 2nd toe.
Timber Cooly ...	Ladderway, 29th level, Carmichael's Shaft.	X	Probably struck by a small block of wood which fell down the ladderway.	Fracture of base of skull and scalp wound. Died in hospital the same day.
Rail Cooly ...	North Drive, 19th level, Rowe's Shaft.	XIX	While he was breaking a rock a small splinter flew into his eye.	Wound of left cornea, with prolapse of iris.
Timber Cooly ...	Sink, Glen Shaft.	XI	When moving a piece of timber his foot was caught beneath it.	Compound fracture of right great toe.
Cotterman ...	Winze, 28th level, Glen Shaft.	XIX	A burst of quartz.	Compound fracture of left ring finger.
Cooly ...	Fitting Shop yard (Surface).	XXIII	A roller which was thrown aside fell upon his foot.	Compound fracture of right metatarsal bone.
Assistant Blaster.	Stope, 23rd level, Rowe's Shaft.	XIX	A burst of rock.	Extensive laceration of left thigh, muscles torn.
Timber Cooly ...	Carpenter's Shop (Surface).	XXIII	When helping to roll a piece of timber his finger was caught beneath it.	Compound fracture of left middle finger.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
7th June ...	194	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	12	5	...	1 Manikam ...	12
18th June ...	202	Do.	13	7	...	1 Kasen ...	50
21st June ...	205	Do.	14-15	7¼	...	1 Peer Saib ...	25
24th June ...	209	Do.	18-45	3¾	1 Raman ...	...	25
2nd July ...	232	Do.	13-30	6½	...	1 T. Jaddian ...	35
2nd July ...	217	Do.	13-45	6¾	...	1 Chinnappan ...	35
2nd July ...	220	Do.	21-50	6⅚	...	1 Budden ...	18
5th July ...	224	Do.	15-30	8½	...	1 A. Chamandy ...	35
6th July ...	225	Do.	23-40	8⅔	1 Tirūpathy ...	...	20
7th July ...	228	Do.	8	1	...	1 K. Muniswami ...	30
7th July ...	227	Do.	14	7	...	1 Chinnian ...	28
7th July ...	229	Do.	16-15	9¼	2 Gangan ...	..	39
					and		
					B. Yellen ...	...	32
9th July ...	233	Do.	13-	6	...	1 Chowrimuthu ...	28

OF MYSORE, DURING THE YEAR 1909—*continued.* **Table 13**—(*continued.*)

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Bell Boy (Hoist)...	No. 2 Cyanide Works (Surface).	XXII	While attending to the bell, he had his foot on the rail and a bandy wheel went over his heel.	Severe laceration of left heel.
Discharge Cooly...	No. 1 Cyanide Works (Surface).	XXII	An empty bandy went over his toe.	Compound fracture of right little toe.
Donkey Driver ...	Ladderway, between 32nd and 33rd levels, Rowe's Shaft.	VIII	When climbing up the shaft he slipped and fell from the ladder.	Compound comminuted fracture of lower jaw and laceration of ear.
Skip Road Cooly.	Shoot, 25th level, Carmichael's Shaft.	VIII	He slipped and fell down the shaft for a distance of 150 feet.	Head smashed.
Hand Jumper Cooly ...	Stope, 25th level, Rowe's Shaft.	XIX	A burst of quartz.	Wound of left knee.
Black Stone Cooly.	Shoot, 25th level, Carmichael's Shaft.	XV	A stone fell upon him when climbing down the shoot.	Compound fracture of left outer malleolus.
Stuff Cooly ...	Shaft shoot, 22nd level, Ribblesdale's Shaft.	XI	A stone fell upon his toe from a bandy which he was tipping at the shoot.	Compound fracture of right 2nd toe.
Hand Jumper Cooly ...	Stope, 19th level, Ribblesdale's Shaft.	XIX	While he was lifting a piece of rock, it slipped and his fingers were caught beneath it.	Compound fracture of left middle and ring fingers.
Stuff Cooly ...	22nd level, Rowe's Shaft.	XIX	A burst of quartz.	Severe laceration of left foot. Died in hospital on 13th July.
Skip Road Cooly.	Carpenter's Shop (Surface).	XXIII	When helping to carry a piece of timber, one end of it was dropped and he was injured by the other end.	Simple fracture of right clavicle.
Timber Cooly ...	Stope, 20th level, Ribblesdale's Shaft.	XV	When a hitch was being cut, a stone from it fell upon his foot.	Compound fracture of left 2nd toe and laceration of 3rd toe.
Hand Jumper Cooly ...	Stope, 17th level, Carmichael's Shaft.	XIX	An air blast.	Neck and left foot broken.
Do.	Do.	Do.	Do.	Wound of right eye and both knees.
Handleman (C. No. M. 4,573, / B. 2,684.)	35th level, Carmichael's Shaft.	XIX	A burst of quartz.	Compound fracture of right thumb and wound of forehand and left great toe.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
10th July ...	234	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—*(contd.)*	5	6	1 Chinnaswami ...		16
13th July ...	239	Do.	8-30	2½	...	1 Chinnaswami ...	22
14th July ..	241	Do.	6	15	...	1 T. Kullan ...	32
15th July ...	244	Do.	13	6	...	1 P. Govindan ...	30
16th July ...	246	Do.	17-30	2½	...	1 T. Murrian ...	22
17th July ...	253	Do.	12	5	...	1 Perumaul ...	32
19th July ..	250	Do.	13	6	...	1 Kundaswami ...	40
20th July ...	251	Do.	13-20	6⅓	...	1 Muthan ...	30
23rd July ...	254	Do.	4-20	5⅛	..	1 Syed Kassim ..	30
28th July ...	260	Do.	11	4	...	3 Ramaswami ...	20
						Chellan ...	24
						and	
						Periaswami ...	22
3rd August ...	264	Do.	13-30	6½	...	1 Kolapury ...	22

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Assistant Blaster.	17th level, Ribblesdale's Shaft.	I	An air blast or burst of rock caused a large piece of rock to fall from the hanging wall upon him.	Loss of right leg and compound fracture of both bones of left leg. Amputation of right leg near knee joint. Died in hospital on 15th July.
Trammer ...	Bottom of Picking Floors (Surface).	XXII	While riding on the top of a loaded truck in the hoist to the picking floors, his jaw struck against the side of the truck owing to the sudden jerk when the cage reached ground-level.	Compound fracture of upper jaw and loss of two teeth. Laceration of lip.
Cotterman ..	Sink, Glen Shaft.	XI	A stone fell upon his toe, owing to a burst of rock in the foot wall of the shaft.	Compound fracture of left great toe.
Black Stone Cooly.	North Drive, 20th level, Garland's Shaft.	XIX	While lifting a stone from the foot of a pile of stuff, another stone rolled down it and struck him on the hand.	Compound fracture of right thumb.
Cotterman ...	North Drive, 30th level, Garland's Shaft.	XIX	A small burst of rock.	Compound fracture of left little finger.
Mestri (C. No. M. 2 791).	Stope, 20th level, Garland's Shaft.	XIII	Started drilling in a socket containing a small quantity of gelatine, which exploded.	Injury to both eyes and burn of left hand.
Black Stone Cooly	South Drive, 18th level, Ribblesdale's Shaft.	XIX	While moving a fairly big piece of rock, it slipped and fell on his toe.	Compound fracture of left great toe.
Mestri (C. No. M. 4,000).	Stope, 28th level, Rowe's Shaft.	III	While taking down loose, a shale of quartz fell on his toes.	Compound fracture of right 1st and 2nd toes.
Blaster (C. No. M. 5,037 / B. 3,213)	South Drive, 30th level, Glen Shaft.	III	While picking down loose a piece of quartz fell on his foot.	Compound fracture of right little toe and wound of right great and 4th toes.
Skip Road Cooly.	Skip Road, 21st level, Ribblesdale's Shaft.	X	While getting a bearer into position it suddenly fell on the stage. The stage gave way and the men were precipitated down the shaft for some distance.	Laceration over left tendo-achilles, tendon divided across, and scalp wound.
Do.	Do.	Do.	Do.	Fracture of neck of right femur and scalp wound.
Do.	Do.	Do.	Do.	Wounds of right elbow and over left lower jaw and right cheek. Probably fractured base of skull.
Stuff Cooly ...	Stope, 29th level, Glen Shaft.	XIX	Burst of quartz.	Compound fracture of left great toe.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
3rd August ...	271	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	14-45	7¾	...	1 R. Vurdan ...	32
8th August ...	272	Do.	2-30	3½	...	1 S. Govindan ...	30
9th August ...	273	Do.	13	6	...	1 Kupuswami ...	20
17th August ..	286	Do.	14-15	...	...	1 Theethoo ...	25
18th August ...	278	Do.	13-30	6½		1 Budden ...	18
21st August ...	282	Do.	9	2	...	1 Agambaram ...	31
25th August ...	287	Do.	14-30	7½	...	1 Chinnapian ...	28
27th August ...	289	Do.	1-30	2½	1 P. Krishnan *alias* Kasavan *alias* Kasavaloo ...	...	25
27th August ...	290	Do.	22	7	...	1 Neligan ...	20
28th August ...	291	Do.	4-45	5¾	...	1 Kundugan ...	20
28th August ...	292	Do.	21-30	6½	...	1 Anthony ...	18
30th August ...	294	Do.	13-15	6¼	...	1 T. Marian ...	30
30th August ...	295	Do.	19-30	4½	...	1 V. Murugan ...	18

OF MYSORE, DURING THE YEAR 1909—*continued.* **Table 13**—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Hand Jumper Cooly ...	Stope below 19th level, Ribblesdale's Shaft.	XIX	A burst of quartz in a stope.	Lacerated wound into left elbow joint, laceration of left thigh and leg.
Stuff Mestri (C. No. M. 508).	20th level, Garland's Shaft.	XIX	While filling a bandy from a shoot, a stone fell on his hand.	Compound fracture of right index finger and lacerated wound of middle finger.
Bar Cooly ..	Crosscut West, 31st level, Tennant's Incline Shaft.	XIX	A burst of rock.	Compound fracture of left middle finger.
Hand Jumper Cooly ...	Stope, 19th level, Garland's Shaft.	XIX	A burst of quartz.	Wound into right knee joint, and of leg face, upper lip and chest.
Hand Jumper Cooly ...	South Drive, 18th level, Ribblesdale's Shaft.	XVII	While tramming, his hand was jammed between a shoot timber and the edge of the bandy.	Compound fracture of 1st and 2nd metacarpal bones of left hand.
Jumper Cooly ...	South Drive, 28th level, Glen Shaft.	XVII	While passing a bandy round a curve, he was caught between the rock and the edge of the bandy.	Simple fracture of right 2nd and 3rd ribs and bruises of right knee.
Hand Jumper Cooly ...	Stope, 20th level, Garland's Shaft.	XIX	A burst of quartz.	Laceration over left tendo-achilles, tendon cut.
Blaster (C. No. M. 2,479, B. 1,193.)	South Drive, 31st level, Glen Shaft.	XIV	The premature explosion of a hole due to the fuse bursting—was warned to leave the place, but delayed unnecessarily.	Deep gash on back of head, left arm and leg cut.
Hand Jumper Cooly ..	South Drive, 23rd level, Ribblesdale's Shaft.	XIX	While walking along the drive, a slab of rock fell on his foot.	Compound fracture of left 3rd, 4th and 5th metatarsal bones.
Stuff Cooly ...	Winze, 30th level, Glen Shaft.	XIX	A burst of quartz.	Severe laceration of right leg, muscles torn, bone exposed and bruised.
Stuff Cooly ...	South Drive, 19th level, Rowe's Shaft.	XIX	While filling a bandy from a shoot, a stone from the latter fell on his hand.	Compound fracture of left ring and little fingers and laceration of middle finger.
Handleman ...	31st level, Garland's Shaft.	XIX	A shale of rock split off from the back of the drive and fell on his hand.	Compound fracture of 2nd metacarpal bone.
Engine Cleaner ...	Garland's Winding Engine Room (Surface).	XX	While oiling the motion bar of a winding engine, his finger was caught in the shoe of the cross head.	Compound fracture of right ring finger.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
31st August ...	293	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	7	8	1 Narayana Govindan ...	...	35
7th September ...	299	Do.	18-55	$3\frac{11}{12}$	...	1 Murugan ...	20
9th September ...	300	Do.	6-45	$7\frac{3}{4}$	1 Murugan ...	...	26
					...	1 V. Muthan ...	30
11th September ...	306	Do.	23-25	$16\frac{5}{12}$	...	1 Chevathan ...	20
14th September ...	307	Do.	8-30	$9\frac{1}{2}$	...	1 Palagadoo ...	28
15th September ...	309	Do.	8-10	$24\frac{1}{6}$	...	2 M. Muniswami ...	18
						and	
						Iyavoo ...	20
15th September ...	310	Do.	12-25	$5\frac{5}{12}$	...	1 K. Kuppan ...	25
15th September...	311	Do.	12-28	$5\frac{7}{15}$	12 V. Kandan ...	...	25
					V. Kitchan ...	...	36
					A. Ponnan ...	...	32
					A. Munian ...	...	40
					T. Irchan ...	...	36
					C. Olari ..	...	38

OF MYSORE, DURING THE YEAR 1909—*continued.* **Table 13**—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Blaster (C.No. B. 940)	Crosscut, 32nd level, Glen Shaft.	II	Fall of a portion of the roof of the cross-cut after blasting out the corner.	Fracture of base of skull; 1st, 2nd and 3rd ribs broken on each side. Died in hospital on 2nd September.
Stuff Cooly ...	Sink, Glen Shaft.	XI	A burst of rock in the side of the Shaft.	Lacerated wound into left knee; wound of left foot.
Stuff Mestri (C. No. M. 5646).	Sink, Tennant's Incline Shaft.	XI	A severe burst of rock occurred in the hanging wall of the plat, 15 feet above the sink where the men were at work, the debris falling on them.	Compound fracture of left foot, severe laceration into left knee joint; wounds of right thigh, knee and foot and severe laceration of left forearm. Probably fracture of base of skull.
Stuff Cooly ...	Do.	Do.	Do.	Fracture of left scapula.
Bar Cooly ...	Sink, Glen Shaft.	X	While working in the sink a stone from the skip dropped on his hand.	Compound fracture of left humerus.
Stuff Cooly ...	Winze, 33rd level, Carmichael's Shaft.	XVII	While moving out of the way of a bandy he tripped and fell, a wheel of the bandy passing over his foot.	Compound fracture of right 4th toe, wound of 5th toe, nail and top off, bone exposed; laceration and bruise of right foot.
Bar Cooly ...	Sink, Glen Shaft.	VIII	While climbing down by ladder, he slipped and fell into the sink on to another cooly injuring him and breaking his own arm.	Simple fracture of left humerus and wound of right arm.
Do.	Do.	Do	Do.	Contusion of forehead and shock; concussion of brain.
Timber Cooly ...	Stope, 19th level, Rowe's Shaft.	XIX	While cutting a hitch a severe quake which happened elsewhere, shook a shale of rock from the hanging wall on to his foot.	Compound fracture of right 5th toe.
Hand Jumper Cooly ...	Stope, 7th level, Ribblesdale's Shaft.	XIX	Collapse of the hanging-wall in the stope, owing to an air-blast in the pillar of quartz being worked out.	Deep cuts all over the body.
Do.	Do.	Do.	Do.	Body crushed, etc.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
5th September...	311 (*contd.*)	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	12-28	$5\frac{7}{15}$	P. Abboo ...	...	36
					A. Chinnaya Gowndan ...	...	42
					V. Pongan ...	...	35
					Allimuthu ...	...	34
					Kuppan ... and Nagan ...	...	26
					...	...	28
					...	1 Annaswami ...	23
17th September...	312	Do.	9	2	...	1 Gangan ...	35
19th September...	314	Do.	5-45	$6\frac{3}{4}$	...	1 Chelamban ...	25
20th September...	427	Do.	9-50	$2\frac{5}{6}$	1 Veeraraghavan ...	...	30
22nd September...	318	Do.	13	6	...	1 Maduray ...	36
24th September...	321	Do.	14-30	$7\frac{1}{2}$	...	1 A. Krishnan ...	28
25th September...	322	Do.	15	8	...	1 K. Muniswami ...	35
26th September..	323	Do.	11	4	...	1 G. Ponnan ...	42

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Hand Jumper Cooly.	Stope, 7th level, Ribblesdale's Shaft. ...	XIX	Collapse of hanging-wall in the stope owing to an air-blast in the pillar of quartz being worked out.	Wound on the head, face and chest.
Do.	Do.	Do.	Do.	Body crushed, etc.
Do.	Do.	Do.	Do.	Do.
Timber Mestri ...	Do.	Do.	Do.	Deep cut on the face, back and right foot.
Timber Cooly ...	Do.	Do.	Do.	Wounds on face and chest.
Do.	Do.	Do.	Do.	Wounds on chest and right hand.
Do.	Do.	Do.	Do.	Scalp wounds and wound of face. Compound fracture of skull.
Hand Jumper Cooly ...	Stope, 21st level, Rowe's Shaft.	XIX	While lifting a big piece of quartz, it broke into two pieces, one of which fell on his foot.	Compound fracture of right 2nd toe.
Stuff Cooly ...	South Drive, 23rd level, Ribblesdale's Shaft.	XIX	While wheeling a bandy along the level, a shale of quartz split off from the back of the drive and fell on his finger.	Compound fracture of left ring finger.
Hand Jumper Cooly ...	Stope, 24th level, Rowe's Shaft.	XIX	While drilling he was struck by some quartz, the result of a burst in the lode.	Severe laceration of right thigh and elbow. Died in hospital on 1st January, 1910.
Timber Cooly ...	Stope, 20th level, Garland's Shaft.	XIX	While taking out ladders in a stope his finger was jammed between two of them.	Compound fracture of right ring finger.
Hand Jumper Cooly ...	Stope, 21st level, Garland's Shaft.	XIX	A burst of quartz.	Severe laceration of left ankle, dividing the posterior tibial artery and tendo-achilles.
Hand Jumper Cooly ...	Stope, 19th level, Garland's Shaft.	XIX	Due to a burst of rock.	Laceration of left ankle dividing the artery, wound of left knee and right forearm and small wounds of right hand.
Hand Jumper Cooly ...	Stope, 21st level, Garland's Shaft.	XIX	A severe quake.	Compound fracture of left leg.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night.)	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
30th September ...	327	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	13	6	...	1 Kassim .	30
2nd October ...	330	Do.	15	8	...	1 P. Anthony ...	22
3rd October ...	331	Do.	23-10	8⅙	...	1 S. Chelvan ...	34
5th October ...	335	Do.	11	4	...	1 Abdul Kareem ...	19
10th October ...	339	Do.	...	9	...	1 K. Perumal ...	40
11th October ...	342	Do.	15	8	...	1 K. Ramaswami ...	33
12th October ..	343	Do.	14	7	...	1 Currian ...	35
19th October ...	347	Do.	...	3½	...	1 A. Kullen ...	22
20th October ...	350	Do.	9-20	2⅓	...	1 G. Kandan ...	38
21st October ...	352	Do.	17-30	2½	...	1 Chelvan ...	30
24th October ...	355	Do.	14-30	6½	...	1 C. Maury ...	39
25th October ...	356	Do.	13	6	...	1 Perumal ...	32
26th October ...	357	Do.	11	4	...	1 Arunachellam ...	25

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—(*continued.*)

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Jumper Cooly ...	Plat, 30th level, Garland's Shaft.	XVII	While counting jumpers on the plat a loaded truck passed over his foot.	Wound of right great 2nd and 3rd toes and compound fracture of 4th toe.
Black Stone Cooly.	North Drive, 22nd level, Ribblesdale's Shaft.	XIX	While pulling down a wall of black rock, a stone dropped on his foot.	Compound fracture of left 5th toe.
Stuff Cooly ...	Plat, 32nd level, Carmichael's Shaft.	XI	While preparing to go up, his toe was crushed by a descending skip. Had his foot on the skip road runner.	Compound fracture of right great toe.
Black Stone Cooly.	North Drive, 24th level, Rowe's Shaft.	XIX	While handing up black rock for packing, a small piece dropped on his toe.	Compound fracture of right 5th toe.
Trammer ...	Endless Ropeway No. 1 Mill, Quartz Yard (Surface).	XXII	While attempting to cross the tram line he tripped and fell, a loaded truck passing over his foot.	Severe laceration of sole of left foot.
Surface Lander ...	Rowe's Shaft (Surface).	XXIII	While climbing down a ladder, he slipped and fell a distance of four feet.	Fracture of right clavicle.
Mestri (C. No. M. 3796) ...	Back Stope, 17th level, Garland's Shaft.	XV	While bringing down loose in the stope some of it dropped on his foot and back.	Compound fracture of right 4th toe and laceration of 5th toe and foot; wounds of back.
Trammer ...	Endless Ropeway No. 1 Mill, Quartz Yard (Surface).	XXII	While pushing a loaded truck, he put his foot on the rail when another truck from behind passed over it.	Compound fracture of left 5th toe, simple fracture of 4th toe, laceration of sole of foot.
Timber Cooly ...	22nd level, Garland's Shaft.	XIX	While cutting hitches in a stope, was struck by some stones dislodged from the back of the level by a severe quake.	Fracture of inner malleolus of left leg, and wounds.
Stuff Cooly ...	Ladderway, 28th level, Glen Shaft.	X	While climbing up the ladder road, a stone, dislodged from above, fell on him.	Compound comminuted fracture of left 2nd and 3rd metacarpal bones and severe laceration into left ankle.
Trammer ...	Top of Incline on Tram Road to No. 1 Mill (Surface).	XXII	While standing close to the tram line, a loaded truck passed over his foot.	Compound fracture of left great toe.
Timber Cooly ...	Shoot Pass, below 37th level, Carmichael's Shaft.	VIII	While working on a stage in the shoot pass, he overbalanced himself and fell into the sink, a distance of about 20 feet.	Fracture of lower ribs of right side and wound below lower jaw.
Trammer ...	Near the Endless Rope Engine Shed at Ribblesdale's Shaft (Surface).	XXII	While lifting a derailed bandy on to the track, another bandy bumped against it and pushed it over his foot.	Compound comminuted fracture of right great toe and metatarsal bone.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
27th October ...	358	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	11-30	4½	..	1 Muthan ...	26
27th October ...	359	Do.	22-30	15½	1 V. Raman ...	...	50
						1 G. Munian ...	33
28th October ...	360	Do.	7	8	...	1 Ahmed ...	25
3rd November ..	362	Do.	14-10	7⅙	...	1 J. Muniswami ...	18
4th November ...	363	Do.	12-45	5¾	...	1 K. Kurian ...	25
5th November ...	364	Do.	20	5	...	1 Muthuswami ...	25
9th November ...	366	Do.	12-30	5½	...	1 M. Pusinikoy *alias* Hanuman ...	26
11th November ...	367	Do.	16-50	9⅚	...	1 S. Patchamuthu...	35
14th November ...	372	Do.	2-30	3½	...	1 Syed Khader ...	22
17th November ...	375	Do.	12-40	5⅔	...	1 M. Chinnaswami	28

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Skip Road Cooly.	Skip Road above 9th level, Ribblesdale's Shaft.	X	While trimming the ground on the hanging wall side of the shaft, a shale of rock fell on his foot.	Compound fracture of left 2nd and 3rd toes and laceration of 3rd toe.
Hand Jumper Cooly ...	Stope, 23rd level, Ribblesdale's Shaft ...	XIX	Caused by a burst of quartz, the result of an air blast.	Scalp wounds, deep and severe laceration of right shoulder, laceration of back and injury to spine. Multiple wounds of both knees, left leg and foot. Died in hospital on 21st November.
Do.	Do.	Do	Do.	Wound into right knee joint; skin wounds of left knee and legs, wound of forehead, (bone exposed) and right arm.
Hand Jumper Cooly ...	Stope, 22nd level, Carmichael's Shaft.	XIX	Caused by a severe quake.	Severe and extensive laceration of left leg and foot, multiple wounds of face and both hands.
Black Stone Cooly.	South Drive, 19th level, Carmichael's Shaft.	XVII	While pushing a bandy along the drive, his thumb was caught between the pin and the frame of the bandy.	Compound fracture of left thumb.
Stuff Cooly ...	Drive, 34th level, Carmichael's Shaft.	XVII	While pushing a loaded side-tipping truck along the drive, his finger was crushed between the pivot pin and the frame.	Compound fracture of left middle finger.
Blaster (C. No. B. 256) ...	Stope, 25th level, Ribblesdale's Shaft.	XV	While getting down a shoot pass, a stone dropped on his finger and crushed it against the shoot timbers.	Compound fracture of left index finger.
Hand Jumper Cooly ...	Stope, 22nd level, Garland's Shaft.	XIX	Due to a burst of quartz.	Lacerated wound of right leg dividing the tendo-achilles.
Stuff Cooly ...	South Drive, 23rd level, Garland's Shaft.	XIX	While putting down a fairly big piece of black rock, his finger was caught between it and the ground.	Compound fracture of right middle finger.
Clutch Cooly ...	Otto Ropeway (Surface).	XXII	While pushing along a hanger with its bucket, the stud of the carrying wheels broke, causing the bucket to fall on his foot.	Compound fracture of left 2nd, 3rd and 4th metatarsal bones.
Hand Jumper Cooly ...	Stope, 25th level, Rowe's Shaft.	XIX	Due to a burst of quartz.	Severe laceration of right forearm and skin wound of right leg.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
19th November	376	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	18-50	$3\frac{5}{6}$	...	1 Murugase ...	30
19th November ...	377	Do.	22-10	$7\frac{1}{6}$	...	1 P. Vamban ...	28
21st November ...	378	Do.	21	6	...	1 Duraiswami ...	20
22nd November ...	379	Do.	9-30	$2\frac{1}{2}$	...	1 V. Ponuswami ...	20
23rd November ...	382	Do.	13-30	$6\frac{1}{2}$	...	1 Chinnakanoo ...	36
25th November ...	389	Do.	18-30	$9\frac{1}{2}$	...	1 Irichan ...	8
27th November ...	390	Do.	11-30	$4\frac{1}{2}$	1 Manickam ...	...	22
28th November ...	399	Do.	15-45	$8\frac{3}{4}$	...	1 Appadoray ...	20
29th November ...	391	Do.	13	6	...	1 T. Arokiaswami ...	20
8th December ...	403	Do.	11-42	$4\frac{7}{10}$	1 Chinnaswami ...	...	32
8th December ...	404	Do.	13	6	...	1 Krishnan Nair ...	20
16th December ...	406	Do.	3-25	$4\frac{5}{12}$	...	1 Duraiswami ...	28
17th December ...	411	Do.	14	7	...	1 Venkataraman ...	35
20th December ...	420	Do.	15-40	$8\frac{2}{3}$	...	1 Appajee ...	42
22nd December ...	416	Do.	15-30	$7\frac{1}{2}$	...	1 Chundrium ...	30

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Skip Road Cooly.	Cage Road, 14th level, Tennant's Vertical Shaft.	XI	While removing packing from behind the laths in the cage road, a stone fell on his ankle.	Laceration of left ankle, tendon partly cut.
Stuff Cooly ...	19th level, Tennant's Vertical Shaft.	XVII	While pushing a bandy along the drive, his thumb was crushed between the pin and the frame.	Compound fracture of left thumb.
Cotterman ...	Ladderway, 32nd level, Carmichael's Shaft.	XI	While going up the ladder he slipped and thrust his leg between the rungs, when a descending skip struck him.	Fracture of lower end of left fibula and contusion.
Timber Cooly ...	Stope, 19th level, Garland's Shaft.	XIX	While unhooking ladders in a stope, his finger was jammed between the hook and a rung of the ladder.	Compound fracture of left ring finger.
Unloading Cooly.	(Surface.)	XXIII	While lowering a steel bar on to the ground, it slipped out of his hands and dropped on his foot.	Compound fracture of left 1st metatarsal bone.
Brake Boy ...	Tram Line near Cyanide Reduction House (Surface).	XXII	While walking by the side of a coal waggon in motion, he tripped and fell on the line when a wheel of the waggon passed over his toes.	Compound fracture of great toe and wound of 2nd toe.
Skip Road Cooly.	Skip Road below 26th level, Tennant's Incline Shaft.	VIII	When working in the Shaft he was struck by the descending cage.	Fracture of skull and deep cut on left shoulder.
Door Boy ...	Carmichael's Shaft, nearing surface.	VI	While riding in the cage, his leg struck against a plank covering the mouth of the Shaft.	Contusion of right ankle and leg.
Black Stone Cooly.	North Drive, 9th level, Carmichael's Shaft.	XIX	While clearing stuff in the drive a shale of rock from the back of the drive dropped on his foot.	Compound fracture of left 4th toe and laceration of 5th toe.
Timber Cooly ...	Stope, 18th level, Ribblesdale's Shaft.	XIX	His head was caught between two pieces of timber, one of which was hanging from blocks preparatory to being fixed.	Fracture of base of skull and contusion of scalp, wound of left ear. Died in hospital on 13th December.
Hand Jumper Cooly ...	Stope, 20th level, Rowe's Shaft.	XV	He was struck by a casuarina pole which fell when being put up in position.	Fracture of right femur and wound of right hand.
Stuff Cooly ...	Shoot, 19th level, Glen Shaft.	XIX	While filling a bandy from the shoot a stone fell on his hand.	Severe laceration of right hand.
Timber Cooly ...	South Drive, 22nd level, Carmichael's Shaft.	XIX	While stacking logs of timber in the drive, one of them rolled on his leg.	Fracture of lower end of left tibia and fibula.
Handleman ...	Sink, Tennant's Vertical Shaft.	XI	A burst of rock.	Wound of left knee.
Trammer	Near Carmichael's Shaft (Surface).	XXII	While tramming, his toe was jammed between the frames of two loaded bandies.	Compound fracture of left great toe.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
29th December ...	423	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	1	2	...	1 Kuppan ...	20
29th December ...	424	Do.	8-30	1½	...	1 Ierich Giacomo ...	40
31st December ...	426	Do. (*concld.*)	9-30	2½	...	1 Saibjan ...	25
20th January ...	20	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District.	17-45	2¾	...	1 Kullan ...	40
21st January ...	25	Do.	19	4	...	1 Coonyethe ...	35
25th January ...	31	Do.	20	5	...	1 V. Arumugam ...	35
1st February ...	41	Do.	19	4	...	1 A. Veeraswami ...	20
10th February ...	49	Do.	1-30	2½	...	1 N. Arokiam ...	18
20th February ...	58	Do.	12	5	1 V. Irichan ...	...	35
24th February ...	61	Do.	17	8	...	1 V. Abdul Muzzeed.	18
26th February ...	63	Do.	12	5	...	1 A. Vadamalay ...	25
4th March ...	70	Do.	23-15	8	4 Bottani Giov. Giuseppe	...	25
					Guizetti Leone ...	...	25

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—(*continued.*)

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Blaster (C. No. B. 1482).	Stope below 25th level, Carmichael's Shaft.	XIX	A burst of quartz.	Compound fracture of left little toe.
Timber Miner ...	Ladderway, 8th level, Ribblesdale's Shaft.	X	When he was climbing down the shaft a stone or piece of timber fell upon him.	Fracture of right clavicle.
Trammer ...	Ribblesdale's Shaft near Engine Room. (Surface).	XXII	When jumping off a loaded truck he fell and his foot was injured by the truck, one of the wheels passing over it.	Severe injury to left foot, requring amputation.
Trammer ...	1,260 feet level North, Wallroth's Shaft.	XVII	When swinging a bandy round a turn from in front, he slipped and a wheel of the bandy went over his foot.	Compound fracture of left 5th metatarsal bone and severe laceration of foot.
Hand Jumper Cooly ...	No. 1 Bottom Stope, 2,710 feet level South, Taylor's Shaft.	XV	A stone fell upon his hand from the hanging wall.	Compound fracture of left index finger.
Handleman ...	Bottom of Taylor's Vertical Shaft.	XI	An air blast.	Laceration of dorsum of left foot; artery cut.
Trammer ...	No. 1 East Reef, 1,060 feet level South, Wallroth's Shaft.	XIX	When pushing a bandy round a curve, his arm struck against a water tap.	Simple fracture of lower end of left radius.
Blast Cooly ...	Plat at 3,610 feet level, Oakley's Incline Shaft.	VIII	He fell from the ladder when climbing up the shaft.	Fractured ribs of left side and injury to left wrist and internal abdominal injuries.
Timber Cooly ...	About 50 feet above 1,410 feet level, Wallroth's Shaft.	XI	When cleaning the skip road he was struck by the slowly descending skip.	Injury to spine and laceration over left eyebrow. Died in hospital on 5th May.
Trammer ...	Between Oakley's Picking Floor and the Weigh Bridge. (Surface).	XXII	While he was pulling a loaded truck, one of the wheels passed over his foot.	Compound fracture of left little toe and laceration of 2nd, 3rd and 4th toes.
Trammer ...	2,810 feet level, Bullen's Shaft.	XVII	His finger was crushed between a bandy and the side of the level.	Compound fracture of right middle finger and laceration of ring finger.
Rock Drill Miner (C. No. M. 4407 / B. 2464.)	Bullen's Shaft Headgear. (Surface).	IV	While shifts were being changed an over-wind occurred; 8 men were in each bucket at the time.	Skull fractured, both legs broken, etc.
Rock Drill Miner.	Do.	Do.	Do.	Do.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
4th March ...	70 (*contd.*)	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	23-15	8	G. Muniswami ...	...	25
					and		
					C. Nayagam *alias* Selvanayagam ...	...	25
					...	7 A. Govindan ...	25
					...	S. Perumaul ...	35
					...	Konda Reddy ...	35
					..	R. Muniswami ...	25
					...	C. Perumaul ...	35
					...	T. Arulappan ...	30
					...	and G. Yellan ...	23
14th March ...	78	Do.	17-30	2½	...	1 Anthony ...	30
15th March ...	79	Do.	2	3	...	1 G. Muniswami ...	19
17th March ...	89	Do.	16	8	...	1 G. Muthan ...	35

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Cotterman ..	Bullen's Shaft Headgear (Surface).	IV	While shifts were being changed an overwind occurred; 8 men were in each bucket at the time.	Crushed; internal and other injuries.
Do.	Do.	Do.	Do.	Fracture of right thigh and wound of ankle. Died in hospital on 31st March.
Do.	Do.	Do.	Do.	Fracture of base of skull.
Timber Cooly ...	Do.	Do.	Do.	Compound fracture of skull and fracture of ribs of right side.
Stuff Cooly ...	Do.	Do.	Do.	Simple fracture of right clavicle, scalp wound and laceration of right ear.
Machine Cooly...	Do.	Do.	Do.	Compound fracture of left great toe and severe laceration of foot.
Handleman ...	Do.	Do.	Do.	Simple fracture of both bones of right leg and injury to ankle.
Cotterman ...	Do.	Do.	Do.	Fracture of lower end of tibia of right leg.
Do.	Do.	Do.	Do.	Severe contusion of right thigh, knee and ankle.
Machine Mestri (C. No. M. 3434.)	Bottom of Taylor's Shaft.	XIV	While charging a hole with gelatine, it exploded.	Both hands smashed, comminuted fracture of left forearm, fracture of both arms, injury to right eye, laceration of forehead and right knee and multiple small wounds.
Stuff Mestri ...	No. 3 East Reef, 960 feet level South, Wallroth's Shaft.	XIX	When he was filling a bandy from a shoot a stone fell on his foot.	Compound fracture of 4th and 5th metatarsal bones of right foot.
Hand Jumper Cooly ...	Bottom of No. 4 Stope, 2,010 feet level North from Crosscut, No. 2 East Reef, Wallroth's Shaft.	XIX	A burst of rock.	Punctured wound of right knee.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night.)	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise-stated.*)	Reputed ages.
19th March ...	82	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	15-30	8	3 P. Velayutham ...	...	26
					K. Kasavan Nair	...	22
					and		
					Coonjee Krishnan Nair ...	...	50
21st March ...	85	Do.	10	3	1 V. Babu ...	...	30
26th March ...	95	Do.	10	3	...	1 Sankaran ...	25
28th March ...	97	Do.	5	6	...	1 E. Kasavan Nair.	20
13th April ...	118	Do.	4	10	...	1 C. Achoothan Nair ...	25
13th April ...	128	Do.	10	3	...	1 D. Perumaul ...	20
13th April ...	117	Do.	11	4	...	1 T. Ramaswami ...	28
13th April ...	119	Do.	13-30	5½	...	1 K. Chinnapan ...	25
15th April ...	122	Do.	6-40	6½	2 Kutty Raman Nair	...	35
					and		
					V. Anthony ...	...	25

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Cotterman ...	No. 1 Winze, 3,410 feet level, South from crosscut East, Bullen's Shaft.	XIII	Boring into a misfire.	Head smashed and various injuries to body and limbs.
Bar Cooly ...	Do.	Do.	Do.	Do.
Handleman (C. No. M. 2,142).	Do.	Do.	Do.	Loss of right eye and injury to left eye. Severe laceration of face and scalp. Compound fracture of left arm. Died in hospital on 7th April.
Timber Mestri (C. No. M. 1889).	3,610 feet level, Bullen's Shaft.	XI	Walked into the shoot, the door of which was open, stuff having just been dumped into it.	Died in the Company's lines on the 22nd March.
Hand Jumper Cooly ...	No. 1 Bottom Stope, 1,260 feet level South from crosscut, No. 3 East Reef, Wallroth's Shaft.	XIX	A splinter of rock flew into his eye.	Injury to left eye with prolapse of iris.
Stuff Cooly ...	3,310 feet level South from Rise, Bullen's Shaft.	XIX	Owing to a burst of rock a stone fell upon his leg.	Compound fracture of left leg.
Bar Cooly ...	3,310 feet level North, Oakley's Incline Shaft.	XIX	A burst of quartz.	Compound fracture of left 2nd, 3rd, 4th and 5th metacarpal bones and severe laceration.
Timber Cooly ...	No. 2 Back Stope, 2,640 feet level North, Taylor's Shaft.	XIX	The fall of a piece of quartz in a stope.	Lacerated wounds into left ankle joint.
Stuff Cooly ...	1,610 feet level North, Taylor's Shaft.	XIX	A stone fell on his thumb from the top of a pile from which he was filling a chatty.	Compound fracture of right thumb.
Timber Cooly ...	Between 860 and 960 feet levels, Wallroth's Shaft.	XI	His finger was crushed when lowering timber in the shaft.	Compound fracture of right middle finger.
Handleman ...	Bottom of Bullen's Shaft.	XI	The driver lost control of his engine and the bucket struck two of the men working in the sink.	Head smashed, left leg broken, etc.
Cotterman ...	Do.	Do.	Do.	Head smashed and various injuries to body.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
15th April ...	124	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	21	6	...	1 Kuppuswami ...	43
16th April ...	129	Do.	12	5	...	1 Velayutham ...	30
16th April ...	125	Do.	16-45	8¾	...	1 Papadoo ...	12
7th May ...	143	Do.	4	5	1 N. Palany ...	...	30
9th May ...	147	Do.	11	4	1 Poongah ...	...	20
10th May ...	148	Do	12	5	...	1 D. Kundan ...	22
10th May ...	149	Do.	13	6	...	1 N. Nargadoo ...	26
12th May ...	159	Do.	19-30	4½	...	1 Oony Parian ...	35
13th May ...	160	Do.	17	9	...	1 Chinnapian ...	35
17th May ...	164	Do.	12	5	...	1 Ponumuthan ...	40
19th May ...	166	Do.	17-30	10½	...	1 A. Veeraragu ...	30
27th May ...	178	Do.	14	7	...	1 V. Perumaul ...	30
31st May ...	185	Do.	8	1	...	1 U. Rhoyaroo ...	25

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Skip Road Mestri (C. No. M. 1390)	About 50 feet above the 1,810 feet level, Oakley's Shaft.	X	When he was examining the skip from the top of the cage a stone fell upon his arm.	Compound fracture of left radius.
Handleman ...	Bottom of Taylor's Vertical Shaft.	XI	Struck by a stone which fell from the hanging wall when pinching down loose.	Compound fracture and dislocation of left ankle.
Trammer ...	Near Oakley's Picking Floors (Surface).	XXII	A bandy ran over his hand while he was moving the points in front of it.	Compound fracture of right little finger, wound of thumb, joint opened; skin wounds of index, middle and ring fingers.
Blast Cooly ...	2,710 feet level North from No. 1 Rise, No. 2 Branch, Bullen's Shaft.	XIX	Fell into and down a shoot pass while walking along the level.	Compound fracture of skull, etc.
Stuff Cooly ...	No. 4 Back Stope, 2,710 feet level South, Taylor's Shaft.	I	The fall of a piece of rock from the hanging wall of a stope.	Body crushed.
Timber Cooly ...	Bottom of Oakley's Incline Shaft.	VIII	When timbering, he slipped and fell 15 feet into the sink.	Fractured ribs.
Sweeper ...	3,310 feet plat, Oakley's Incline Shaft.	XVII	Whilst asleep on the plat a bandy ran over his foot.	Laceration of great and second toes of right foot.
Hand Jumper Cooly ...	No. 1 Bottom Stope, 2,910 level South, Taylor's Shaft.	XIX	A burst of rock.	Wound of left knee joint and ankle; wound into right elbow joint, bone chipped, scalp wound.
Fitter Cooly ...	Oakley's Picking Floors (Surface).	XXIII	A piece of quartz fell on his toe while he was working close by a rock breaker.	Compound fracture of left great toe.
Timber Cooly ...	In Wallroth's Shaft at the 1,410 feet level.	XI	Whilst he was helping to change the bolts of the runners, the runner plate fell on his leg.	Simple fracture of both bones of left leg, wound of left ankle.
Charging Cooly ...	Extension Plant Cyanide Works (Surface).	XXII	The wheel of a truck ran over his foot.	Compound fracture of left little toe and laceration of 2nd, 3rd and 4th toes.
Handleman ...	Bottom of Oakley's Incline Shaft.	XI	A small burst of rock.	Compound fracture of left ring finger.
Hand Jumper Cooly ...	No. 1 Back Stope, 1,410 feet level South, Taylor's Shaft.	XV	When pinching down loose, a piece of quartz fell upon his finger.	Compound fracture of right index finger.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
9th June ...	196	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	11	4½	...	1 P. Ramaswami ...	25
18th June ..	200	Do.	12-30	5½	...	1 V. Balan ...	30
23rd June ...	206	Do.	7	8	...	1 M. Swami ...	27
24th June ..	207	Do.	4-30	5½	...	1 V. Iyacunnoo ...	40
29th June ...	215	Do.	16	1	...	1 C. Manickam ...	28
6th July ...	226	Do.	23-30	...	1 V. Kandaswami ...	...	55
13th July ...	240	Do.	8-30	1	...	1 C. Perungan Nair.	25
14th July ...	242	Do.	13	6	...	1 M. Kunjan ...	20
17th July ...	247	Do.	7	...	...	1 T. Nagan ...	35
20th July ...	249	Do.	21	6	1 C. Murugan ...	...	48

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Timber Cooly ...	No. 2a Bottom Stope, 280 feet level South from Crosscut, No. 2 East Reef, Wallroth's Shaft.	XV	While lowering timber in the stope he stumbled and fell.	Fractured right arm.
Timber Mestri (C. No. M. 3888).	No. 1 Back Stope, 1,610 feet level North from Crosscut, East Reef, Taylor's Shaft.	XIX	While he was fixing a piece of timber, a piece of rock split off from the hanging wall and fell on his foot.	Compound fracture of 4th metatarsal bone of foot.
Machine Cooly ...	Winze for shoot pass below 3,810 feet level, Oakley's Incline Shaft.	XIX	A burst of rock.	Extensive laceration of back.
Hand Jumper Cooly ...	No. 1 back stope, 1,610 feet level North from Cross cut, Taylor's Shaft.	XIX	A piece of quartz split and fell on his foot when he was helping to take down loose.	Compound fracture of right 1st and 2nd metatarsal bones.
Machine Cooly ...	Plat 3,610 feet level, Bullen's Shaft.	XI	While putting long jumpers into the bucket, his fingers were caught between them and the guides.	Compound fracture of right ring finger.
Stuff Cooly ..	Below the 2,210 feet level, Oakley's Incline Shaft.	VIII	He slipped and fell from a sollar into the sink, a distance of 4½ feet.	Fracture of right leg and paralysis of right arm. Cerebral hemorrhage. Died in hospital on 30th July.
Cotterman ...	3,610 feet level North from Crosscut on No. 2 Branch, Bullen's Shaft.	XIX	A burst of rock.	Compound fracture of end of right tibia.
Hand Jumper Cooly ...	No. 5 Back Stope, 1,510 feet level North from Crosscut, No. 3 East Reef, Wallroth's Shaft.	XV	A loose stone fell upon his toe.	Compound fracture of left great toe.
Timber Mestri (C. No. M. 937).	Timber Yard (Surface).	XXIII	While rolling a piece of timber to put on a trolley, his fingers were crushed beneath it.	Compound fracture of left middle finger and old wound of ring finger.
Stuff Cooly ..	1,060 feet level, Wallroth's Shaft.	XI	Allowed the lower part of his body to project into the skip-road while waiting at the shoot sollar, a passing skip striking him.	Compound comminuted fracture of upper 3rd left leg with extensive laceration of muscles. Lacerated wound of left groin, and bruises of abdomen. Died on the way to hospital.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night.)	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
25th July ..	255	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	7-30	8½	1 V. Coonjooni Nair *alias* Krishna Nair.	...	25
26th July ...	257	Do.	13	6	1 Raman Nair.	...	35
30th July ..	261	Do.	11	4	...	1 V. Mottay ...	25
4th August ...	263	Do.	11-30	4½	...	1 C. Munian *alias* Muniswami.	25
5th August ...	267	Do.	5-30	6½	...	1 V. Iyavoo ...	30
9th August ...	274	Do.	17-30	9½	...	1 C. Pattany Jathin.	25
19th August ...	279	Do.	10-30	3½	...	1 T. Muniswami ...	18
21st August ...	283	Do.	10	3	...	1 W. Armoogam ...	48
27th August ...	288	Do.	4	5	...	1 Echara Nair ...	25
3rd September ...	297	Do.	13-30	6	...	1 T. Abdulla Saib ...	35
7th September ...	298	Do.	10	3	1 L. Kandan ...	...	45

OF MYSORE, DURING THE YEAR 1909—*continued.* **Table 13**—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Blaster (C. No. B. 1536).	Below 3,810 feet level, Taylor's Shaft.	VIII	In trying to jump into a skip, while in motion, he slipped and fell 100 feet down the shaft.	Compound fracture of skull and internal injuries.
Mestri ... (C. No. M. 3425 / B. 3127.)	No. 2 Winze, 3,610 feet level North from Crosscut East, Oakley's Incline Shaft.	XV	While climbing down the winze by ladder, slipped and fell to the bottom, a distance of about 45 feet.	Scalp wound, bone exposed and bruised. Punctured wound and bruises of back and fracture of right scapula. Died in hospital on 4th August.
Cotterman ...	Bottom of Taylor's Vertical Shaft.	XI	While tightening a machine bar, a shale of rock split off from the hanging wall and fell on his hand.	Compound fracture of right ring finger.
Hand Jumper Cooly ...	No 1*a* Stope below 1,610 feet level North from Crosscut, No. 2 East Reef, Wallroth's Shaft.	XV	While working on a sollar, it slipped and he fell down the winze for some distance.	Wound over eyebrow, back, left knee and foot. Fractured rib.
Stuff Cooly ...	No. 2 Winze, 3,410 feet level South, Bullen's Shaft.	XV	While hoisting a bucket full of stuff from the bottom of the winze, a stone dropped out of it and fell on his arm.	Compound fracture of both bones of left forearm.
Hand Jumper Cooly ...	No. 2 Stope below 3,210 feet level South, Taylor's Shaft.	XIX	A burst of rock.	Severe laceration below right knee, bone bruised, and wounds of right leg and thigh. Lacerated wound of chest.
Stuff Cooly ...	460 feet level North, Wallroth's Shaft.	XVII	While trying to start a bandy, it ran over his foot.	Compound fracture of right little toe and laceration between 4th and 5th toes.
Trammer ...	Near the Weighbridge (Surface).	XXII	While standing near a waggon, a loaded waggon from behind struck him in the side.	Fractured ribs of left side.
Blaster ... (C. No. B. 2985.)	3,610 feet level North from Crosscut East, Oakley's Incline Shaft.	XIX	While bringing down loose in an end, a shale of quartz fell on his foot.	Compound fracture of right 4th toe.
Mestri ... (C. No. M. 4460 / B. 2532.)	Bottom of Taylor's Vertical Shaft.	X	While working in the sink, was struck by a bolt which fell from the men working in the shoot pass above.	Compound fracture of left radius.
Timber Cooly ...	No. 5 Stope below 2,810 feet level North, Oakley's Shaft.	I	Struck on the head by a loose shale of rock, which fell from the hanging-wall of the stope, a distance of 15 to 20 feet above him.	Compound fracture of skull.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
10th September ...	303	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	10-30	2	...	1 A. Chinnian ...	30
13th September ...	305	Do.	14	7	...	1 V. Chamandy ...	22
18th September...	313	Do.	22-30	7½	1 M. Krishna Nair...	...	50
						2 V. Munian ...	35
						and	
						T. Narasan ...	40
23rd September ...	319	Do.	10-45	3¾	1 M. Rangan ..	...	25
24th September ...	320	Do.	13	6	...	1 C. Anthony ...	25
28th September ...	326	Do.	22	7	...	1 P. Kuppuswami ...	22
2nd October ...	329	Do.	10-30	3½	1 C. Chelavan ...	...	40
5th October ...	333	Do.	1	2	1 T. Komaren Nair .	...	25

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—(*continued.*)

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Timber Cooly ...	No. 5 Bottom Stope, 560 feet level North from Cross-cut, No. 3 East Reef, Wallroth's Shaft.	XIX	While putting a piece of timber down in the level, his finger got jammed between it and the ground (rock).	Compound fracture of left ring finger.
Trammer ...	Near the Weigh-Bridge (Surface)	XXII	While tramming quartz in a waggon, his foot was run over by the wheel of a following waggon.	Right foot smashed.
Cotterman ...	Brow of Plat, 3,810 feet level, Bullen's Shaft.	XI	Owing to a burst of rock on the East side of the shaft in the excavation cut for the 3,810 feet level plat.	Compound comminuted fracture of right-arm, wounds of face and left hand. Died in hospital on 19th September.
Do.	Do.	Do.	Do.	Fractured lower ribs of right side. Punctured wound of right thigh, injuring bone, small wounds of right elbow, left arm, face and ear.
Handleman ..	Do.	Do.	Do.	Severe laceration of right leg, bone injured; punctured wound of right thigh, wound of right hand.
Timber Cooly ...	No. 6 Bottom Stope, 1,410 feet level North, Taylor's Shaft.	XIX	Due to some rock breaking or bursting away from the foot wall of the level, while the men were cutting hitches in the back of the level.	Compound fracture of skull and various injuries to body.
Timber Cooly ...	No. 5 Back Stope, 2,610 feet level South, Taylor's Shaft.	XIX	A burst of quartz.	Wound of left ring finger, nail off and compound fracture of middle finger.
Cotterman ...	Bottom of Taylor's Shaft.	XI	While working in the sink, a shale of rock split off from the hanging wall and fell on his hand.	Compound fracture of right index finger.
Oiler and Greaser.	Below 2,310 feet level, Taylor's Shaft.	X	Struck by a stone which fell from above the 1,810 feet level while oiling rollers in the shaft at the 2,310 feet level, owing to the lagging planks of one of the shaft sets breaking.	Compound fracture of skull and multiple injuries to body.
Blaster (C. No. B. 1456.)	No. 1 Winze, 3,610 feet level South from No. 1 Cross-cut West, Bullen's Shaft.	XIV	Attempted to fire 16 holes in one round, probably with a "Kai-piece"; was overcome, having then lit 13 holes and, being unable to get away, was killed.	Blown to pieces.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
13th October ...	344	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	6	15	...	1 P. Govindan Nair.	22
16th October ...	348	Do.	11	4	..	1 H. Ponnan ...	20
20th October ..	351	Do.	11	4	...	1 P. Madhavan Nair.	25
23rd October ...	354	Do.	4-30	5½	..	1 T. Thulavirchan...	25
24th November ...	386	Do.	11	4	...	1 Chinnapian ...	24
29th November ...	392	Do.	8	1	...	1 S. Parasuraman...	32
1st December ...	393	Do.	6-45	¼	...	1 K. Ballan ...	39
4th December ...	396	Do.	13	6	1. V Mannar ...	...	20
5th December ...	398	Do.	9	3	..	1 P. Chathan ...	30
13th December ...	405	Do.	9-30	2½	...	2 Abdul Aziz .. and Thambu ...	30 34

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Machine Cooly ...	No. 1 Rise, No. 2 Branch, 3,610 feet level North from Cross-cut East, Bullen's Shaft.	XV	While starting a fresh hole, a shale of rock fell on his hand.	Laceration of left wrist, —extensor tendons cut across.
Timber Cooly ...	Back of 280 feet level, No. 2 East Reef, Wallroth's Shaft.	XIX	While cutting a hitch, a shale flew off and cut his thumb.	Compound fracture of left thumb.
Handleman ...	No. 1 Crosscut West, 1,260 feet level South, No. 2 East Reef, Wallroth's Shaft.	XIX	While bringing down loose, a shale of rock from the face of the drive fell on his hand.	Compound fracture of right ring finger.
Bar Cooly ...	Shoot pass below 3,810 feet plat, Bullen's Shaft.	XI	While clearing stuff in the shoot pass, shales of rock split off from the side and fell on him.	Compound fracture of right fibula and wounds of leg and left hand.
Stuff Cooly ...	No. 4 Bottom Stope, 2,810 feet level South, Taylor's Shaft.	XIX	While lifting a pipe buried under a pile of stuff, a stone from the top of the pile rolled down and struck him on the leg.	Compound fracture of right oscalcis.
Stuff Cooly ...	Shoot, 1,410 feet level, Wallroth's Shaft.	XIX	While raking quartz in a shoot, a stone rolled down it and hit him on the hand.	Compound fracture of left ring finger and wound of middle finger.
Fitter ...	Oakley's Shaft (Surface).	XX	While cleaning the skip, his thumb was jammed between the hanger-bar and the bow of the skip.	Compound comminuted fracture proximal phalanx of right thumb and deep wound running into hand.
Pipe Fitter Cooly.	Between 3,810 feet and 4,010 feet levels, Taylor's Shaft.	VIII	He fell from part way down the shaft.	Killed instantaneously.
Hand Jumper Cooly ...	No. 5 Bottom Stope, 3,210 feet level South, Taylor's Shaft.	XIX	Due to a burst of quartz.	Compound fracture of left great toe.
Bar Cooly ...	Winze for Shoot pass, 4,010 feet level, Oakley's Incline Shaft.	XIX	A burst of quartz.	Compound fracture of right middle finger, wounds of face and ring finger.
Handleman ...	Do.	Do.	Do.	Compound fracture of right 1st, 2nd and 3rd toes (amputated).

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
23rd December ...	417	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	14	6	...	1 P. Havoola ...	30
23rd December ...	418	Do.	14	6	1 Pachamolaga ...	...	25
28th December ...	422	Do. (*concld.*)	20-30	12	...	1 K. Chinnian ...	48
6th January ...	7	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District.	19-45	4¾	...	1 K. Muniswami ...	18
8th January ...	8	Do.	1	2	1 A. Ponnan ...	...	50
11th January ...	10	Do.	13-30	6½	...	1 O. Muniswami ...	25
19th January ...	17	Do.	13-30	6½	...	1 C. Chinnaswami...	39
21st January ..	27	Do.	23-30	½	5 J. Smith ...	...	38
					Midali Luigi ...	...	22
					S. Allsopp ...	...	35
					B. Maury ..	...	36
					and U. Maury ...	...	36
3rd March ...	68	Do.	11-15	4¼	1 Muniswami ..	...	24
10th March ...	75	Do.	14	7	...	1 K. Amantham ...	16
25th March ..	92	Do.	14	7	...	1 G. Kullen ...	38

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Hand Jumper Cooly ...	No. 1 Back Stope, 1,610 feet level South from Cross-cut, Taylor's Shaft.	XIX	A burst of rock.	Compound fracture of 1st and 4th metatarsal bones of right foot.
Timber Cooly ...	Below 1,610 feet level, Oakley's Shaft.	VI	His leg slipped through the open door of the descending cage and was broken by the shaft timbers.	Compound fracture of both bones of right leg and severe lacerated wounds of left leg. Died in hospital on 27th December.
Hand Jumper Cooly ...	No. 2 Bottom Stope, 1,260 feet level North, No. 2 East Reef, Wallroth's Shaft.	XIX	Struck by a stone which fell from the level above.	Compound fracture of metacarpal bones of 1st, 3rd and 4th fingers of left hand, and fracture of lower end of forearm.
Stuff Cooly ...	Drive 1,500 feet level North, Kennedy's Shaft.	XVII	While filling a bandy it started to move and ran over his foot.	Compound fracture of right 1st and 3rd toes and laceration of 2nd and 4th toes.
Underground Lander ..	Landing Station 1,160 feet level, Richard's Shaft.	VIII	When removing the gate on which the cage rests, he lost his balance and fell down the shaft.	Fracture of skull and arm and other injuries.
Stuff Cooly ..	Drive 1,500 feet level North, Kennedy's Shaft.	XIX	While putting a piece of rock into a bandy, he let it fall upon his foot.	Compound fracture of right 3rd toe.
Timber Cooly ...	Drive 2,000 feet level, Richard's Shaft.	XIX	While unloading planks from a trolly, one of them fell upon his ankle.	Simple fracture of right fibula.
Timberman ...	30 feet below Surface, Walker's Shaft, Tank Mine.	XII	While attempting to cover over the shaft some 30 feet from surface, were overcome and suffocated by the noxious gases arising from a fire in the adjoining Nundydroog Mine.	Death due to suffocation owing to presence of noxious gases.
Do.	Do.	Do.	Do.	Do.
Stuff Miner ...	Do.	Do.	Do.	Do.
Pump Cooly ...	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.
Surface Cooly ...	Endless Ropeway, Richard's Shaft (Surface).	XXII	He was knocked off another man's back by the endless rope, which he was removing from a pulley.	Spinal injury. Died in hospital on 16th March.
Quartz Cooly ...	Stone Breaker, Richard's Shaft (Surface).	XXII	A loaded truck was derailed and fell on his leg.	Compound fracture of both bones of right leg.
Timber Cooly ...	Rise 1,540 feet level North, Main Shaft.	XV	A stone fell on his foot while he was cutting a hitch.	Compound fracture of left 3rd metatarsal bone.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
26th March ...	96	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	7-30	½	...	1 Rama Gownden ...	38
28th March ...	99	Do.	13	6	...	1 Venkatan ...	29
8th April ...	120	Do.	10	3	...	1 V. Muniswami ...	29
28th April ...	134	Do.	13-45	6¾	...	1 V. Murugan ...	36
3rd May ...	139	Do.	14-15	7¼	...	1 S. Narainan ...	39
3rd May ...	140	Do.	20-45	13¾	...	1 Ponnuswami ...	16
11th May ...	153	Do.	16	1	3 R. Chinnapian ...	...	20
					Poovan ...	...	20
					and K. Thandavarayan.	...	28
					...	3 R. Perumal ...	25
					...	V. Sanjeevi ...	28
						and	
					...	Venkatan ...	20

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—(*continued.*)

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Assistant Blaster.	Richard's Shaft Cage.	VI	When coming up in the cage he allowed his foot to protrude, so that it was struck by the shaft timbers.	Compound fracture of 1st and 2nd toes of right foot.
Timber Cooly ...	Bottom Stope, 1,640 feet level North, Main Shaft.	XIX	While holding a head board his hand was crushed by the piece of timber which was being put into position.	Compound fracture of 4th and 5th metacarpal bones of right hand.
Timber Mestri (C. No. M. 3,514).	Bottom Stope, 1,640 feet level North, Main Shaft.	XIX	Piece of timber being lowered in stope slipped and crushed the fingers of his right hand.	Compound fracture of right middle finger and laceration of index finger.
Timber Cooly ...	Bottom Stope, 1,600 feet level, Kennedy's Shaft.	XV	He slipped from the ladder when climbing up the stope.	Simple fracture of right radius and scalp wound.
Stuff Cooly ...	1,800 feet level, Richard's Shaft.	XIX	He was filling a bandy when a stone fell upon his toe.	Compound fracture of right great toe.
Cleaner Boy ...	Taylor's Winding Engine (Surface).	XX	His fingers were caught in the indicator gear wheels when engaged in cleaning.	Compound fracture of right middle, ring and little fingers.
Stuff Cooly ...	Crosscut East, 2,600 feet level, Richard's Shaft.	XIX	An air-blast.	Crushed; multiple injuries.
Bar Cooly ...	Do.	Do.	Do.	Do.
Stuff Cooly ...	Do.	Do.	Do.	Compound fracture of right 5th metatarsal bone and severe laceration of foot, deep lacerated wounds of right thigh and left knee and leg, wounds of back, left-arm, elbow, lower jaw and scalp. Died in hospital on 16th May.
Do.	Do.	Do.	Do.	Deep lacerated wound of left leg with fracture of fibula, punctured wound of back, wounds of thigh, foot and toes.
Jumper Cooly ...	Do.	Do.	Do.	Compound comminuted fracture of both bones of right leg, lacerated wounds of right forearm and wound of forehead and face.
Bar Cooly ...	Do.	Do.	Do.	Compound fracture of left 4th toe and wound of left hand.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
11th May ...	155	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	19-30	4½	...	1 Sukkooput ...	22
12th May ...	154	Do.	13	6	...	1 E. Yellan ...	39
13th May ...	157	Do.	14-45	1¾	...	1 O. Venkatappa ...	20
30th May ...	181	Do	12-30	5½	...	1 Periaswami ...	26
5th June ...	191	Do.	16-30	1½	1 Abdool Azeez ...	...	19
7th June ..	193	Do.	12-30	5½	...	1 Vulligan ...	27
9th June ...	197	Do.	19-45	4¾	...	1 V. Duraiswami ...	18
17th June ...	199	Do.	5	6	...	1 Thiman ...	34
18th June ...	203	Do.	22	7	1 Kannan Nair ...	...	36
19th June ...	201	Do.	13-45	6¾	...	1 Govinda Singh ..	38
23rd June ...	208	Do.	21-45	6¾	...	1 Molandy *alias* E. Pandaram ...	23
24th June ...	210	Do.	6	7	...	1 C. Muniswami ..	36
27th June ...	212	Do.	9-30	2½	...	1 K. Muniswami ...	16

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—(*continued.*)

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Hand Jumper Cooly ...	Bottom Stope, 2,150 feet level South, Kennedy's Shaft.	XIX	A small burst of rock.	Laceration of dorsum of left foot, dorsalis pedis cut.
Timber Cooly ...	Sink, Kennedy's Shaft.	XI	While cutting a hitch a stone struck and cut his ankle.	Cut tendo achilles.
Stone Breaker Cooly	Richard's Stone Breaker (Surface).	XXII	When pushing a truck round a curve another truck came from behind and struck him.	Simple fracture of left tibia and skin wounds.
Stuff Cooly ...	2,450 feet level, North Shaft.	X	He was struck by a piece of quartz which fell down the shaft.	Compound comminuted fracture of skull. Brain protruding.
Stuff Cooly ...	Shoot 1,700 feet level, Richard's Shaft.	XV	He fell down a quartz pass from the 1,700 to the 1,800 feet level.	Depressed fracture of skull on left occipital region.
Timber Cooly ...	Plat, 1,240 feet level, Richard's Shaft.	XI	While unloading planks from the skip, one of them slipped from his hands and fell on his toe.	Compound fracture of left great toe.
Stuff Cooly ...	Crosscut East, 2,600 feet level, Richard's Shaft.	XIX	A small air blast or burst of rock.	Compound fracture of left 2nd toe and wound of 1st, 3rd and 4th toes. Contusion and bruise of left foot.
Stuff Cooly ...	Stope, below the 800 feet level, Kennedy's Shaft.	XV	A stone rolled from a pile upon his toe.	Compound fracture of left little toe.
Stuff Cooly ...	2,000 feet level, Richard's Shaft.	VIII	Probably he was struck by a descending skip and fell down the shaft.	Killed instantaneously.
Timber Cooly ...	1,000 feet level South, Kennedy's Shaft.	XIX	When lifting a plank into a truck, he allowed it to fall on his toe.	Compound fracture of right great toe.
Hand Jumper Cooly ...	No. 2 Bottom Stope, 2,150 feet level North, Kennedy's Shaft.	XIII	Boring into a socket containing some blasting gelatine.	Rupture of right eyeball, injury to left eye and burn of left hand.
Stuff Cooly ...	1,700 feet level, Main Shaft.	III	Fall of a small quantity of loose rock.	Compound fracture of right 3rd metatarsal bone; laceration and skin wound of right ankle, leg and thigh, and contusion of buttock.
Stuff Cooly ...	Shoot 900 feet level, Kennedy's Shaft.	XV	While tramming, a stone fell from a shoot which he was passing and struck his wrist.	Fracture and dislocation of right wrist.

RECORD OF FATAL

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1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. *(All males unless otherwise stated.)*	Names and number of persons injured. *(All males unless otherwise stated.)*	Reputed ages.
28th June ...	214	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—*(contd.)*	17	10	...	1 Koolan ..	36
4th July ...	219	Do.	8-30	1½	...	1 V. Perumal ...	28
12th July ...	238	Do.	10	3	...	1 Hanuman ...	24
12th July ...	248	Do.	23-30	½	...	1 B. Gin ...	43
15th July ...	243	Do.	6-30	7½	...	1 K. Chinniah ...	19
16th July ...	245	Do.	0-30	1½	...	1 P. Karian ...	38
28th July ...	259	Do.	4-30	5½	...	1 Chenniah ...	24
4th August ...	265	Do.	5-30	6	...	1 A. Gngan ...	18
4th August ...	266	Do.	10	3	1 W. Maury ...	...	23
6th August ...	268	Do.	0-30	1½	...	1 Ramaswami ...	24
15th August ...	276	Do.	14	7	...	1 G. Kandan ...	38
16th August ...	275	Do.	11-30	4½	...	1 V. Perumal ...	30
21st August ...	284	Do.	10	3	...	1 Mahomed Pacha.	30
4th September...	296	Do.	1-30	2½	...	1 V. Muniswami ...	38

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Hand Jumper Cooly ..	In the Cage Road, Richard's Shaft.	X	While he was coming up the shaft in the cage, he was struck by a piece of plank which fell from somewhere above.	Laceration of left leg, bone exposed, and simple fracture of left 1st and 2nd metatarsal bones of right foot..
Skip Road Mestri (C. No. M. 3,894)	Top of Richard's Shaft.	VI	While he was getting out of the cage it was lowered and he fell upon it.	Injury to back; wound of scrotum and left leg.
Stuff Cooly ...	Winze below 1,400 feet level, North Shaft.	XV	Owing to the breaking of a plank he fell into the shoot.	Fracture of both bones of left forearm, multiple small skin wounds and bruises.
Skip Road Cooly.	95 feet level, North Shaft.	XI	While examining the bearings of a roller, a descending skip struck him on the knee.	Contusion and bruises of left knee.
Bar Cooly ...	Sink, North Shaft.	X	A stone rolled down the foot-wall of the shaft upon his toe.	Compound fracture of right great toe.
Hand Jumper Cooly ...	Back Stope, 2,300 feet level South, Kennedy's Shaft.	XIX	A small burst of quartz.	Compound fracture of left 4th metatarsal bone.
Blaster's Assistant ...	Bottom Stope, 2,000 feet level South, Kennedy's Shaft.	XV	While handing up materials, the stage plank on which he stood slipped and he fell to the bottom of the stope, about 12 feet.	Scalp wound and collis fracture of right wrist.
Stuff Cooly ...	Plat, 1,600 feet level, Richard's Shaft.	XI	While throwing a fairly big piece of quartz into a skip, it broke into two pieces, one of which fell on his foot.	Compound fracture of right 3rd toe.
Cotterman ...	Sink below 1,300 feet level, Richard's Vertical Shaft.	X	While pinching down loose from a stage, the latter broke down under the falling weight of a heavy piece of rock, and he fell into the sink.	Neck broken &c.
Bar Cooly ...	Drive, 2,450 feet level North, Kennedy's Shaft.	XIX	While at work, an air blast occurred in the back of the level and pieces of rock fell on him.	Severe laceration of back, compound fracture of rib and multiple skin wounds.
Timber Cooly ...	Crosscut, 1,800 feet level, Richard's Shaft.	XIX	While lifting a piece of timber on to a trolley, it slipped and crushed his thumb against a rock.	Compound fracture of right thumb.
Timber Cooly ...	Rise, 2,000 feet level, Richard's Shaft.	XVIII	While changing the direction of a machine, the piston head slipped and dropped on his foot.	Compound fracture of left 4th metatarsal bone.
Electric Compressor Driver ...	Oriental Electrical Compressor House, (Surface).	XX	While trying to remove some waste which had fallen on the eccentrics, his thumb was caught between these and the bearing.	Compound fracture of left thumb.
Timber Cooly ...	Between 2,450 and 2,600 feet levels, Richard's Shaft.	XI	While laying rails in the skip road, his finger was caught between a rail and the shaft timbers.	Compound fracture of left little finger.

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AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
8th September...	301	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	6	7	...	1 V. Chinnaswami...	19
11th September...	304	Do.	10	3	1 Govindan ...	...	12
1st October ...	328	Do.	13	6	...	1 Ponnuswami ...	11
11th October ...	340	Do.	4-30	5	...	1 E. Karupanan ...	33
11th October ...	341	Do.	14-15	7	...	1 Muniswami ..	38
13th October ...	345	Do.	19	4	2 Kaliah ...	...	36
					and		
					Narasiah ...	...	38
17th October ...	346	Do.	3	4	...	1 G. Thangavaloo...	28
13th November ...	373	Do.	10	3	...	1 Patchamuthu ...	35
24th November ..	384	Do.	5	6	1 E. Karupanan ...	...	36
15th December ...	407	Do.	11-15	4¼	1 Syed Khader ...	...	43
16th December ...	410	Do.	3	4	...	1 M. Raghavan ...	35

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Assistant Blaster.	Stope below the 1,900 feet level North, Richard's Shaft.	XIX	While lifting a piece of quartz, it broke into two pieces, one of which fell on his foot.	Compound fracture of right 2nd metatarsal bone.
Assistant Jumper Cooly ...	Tram Line, Richard's Shaft (Surface).	XXII	While trying to jump off a trolley in motion, his foot was run over by one of the wheels.	Severe laceration of sole of left foot. Died of tetanus in hospital on 25th September.
Stuff Cooly ...	Plat, 1,840 feet level, Main Shaft.	XI	While tipping stuff into a shoot, a stone from the top of the bandy dropped on his hand.	Fracture of right 1st and 2nd metacarpal bones and wound of hand.
Hand Jumper Cooly ...	Winze, 1,540 feet level, Main Shaft.	XV	While picking up jumpers at the bottom of a winze, a hammer placed on the footwall side of it slipped and fell on his hand.	Compound fracture of left thumb.
Quartz Cooly ...	Tram Road, Taylor's Shaft (Surface).	XXII	The waggon on which he was riding collided with another at rest, jamming his toe between the frames of the two waggons.	Compound fracture of right great toe.
Hand Jumper Cooly ...	Bottom Stope, 2,000 feet level South, Kennedy's Shaft.	XIII	Drilling in a socket containing a small portion of an unexploded charge of gelatine.	Severe injuries to head, body and arms. (Killed instantaneously).
Do.	Do.	Do.	Do.	Multiple wounds of forehead, chest, both hands, legs and right index finger. Foreign bodies in eyes. Died in hospital on 28th October.
Timber Cooly ...	Skip Road, 1,100 feet level, Kennedy's Shaft.	XI	After filling the skip, he remained with his foot on the runner and the skip, on being hoisted, ran over it.	Compound fracture of left little toe.
Mestri (C. No. M. 1770 / B. 811.)	Rise, 2,300 feet level North, Kennedy's Shaft.	XV	While bringing down loose in a rise, a shale of quartz fell on his foot.	Compound fracture of left 3rd toe.
Assistant Blaster	Bottom Stope on Main Lode, 1,340 feet level North, Main Shaft.	XV	When climbing along the foot wall of a stope, he slipped and fell 10 or 15 feet into the level below.	Scalp wounds, injury to spine, bruise of left knee and wounds of right foot. Died in hospital on 28th November.
Bell Repairer ...	Plat, 900 feet level, Richard's Shaft.	VIII	He accidentally fell from part way down the shaft.	Mutilated.
Cotterman ...	North Rise above the 2,300 feet level, Kennedy's Shaft.	XV	While drilling a hole, the jumper broke into two pieces, one of which fell on his leg.	Compound fracture of of right 2nd metatarsal bone.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
18th December ...	413	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	15-30	½	...	1 M. Hanumanthu.	36
28th December ...	421	Do. (*concld.*)	8	1	1 T. Baloo ...	...	29
11th January ...	14	The Balaghat Gold Mine, Bowringpet Taluk, Kolar District.	12-30	5½	...	1 P. Muniswami ...	34
20th January ...	19	Do.	6	7	1 Munian ...	...	30
27th January ...	38	Do.	18	3	...	1 Kanaram ...	26
3rd February ...	44	Do.	12-30	5½	...	1 Veeran ...	25
3rd March ...	69	Do.	15	7	...	1 Egambaram ...	50
31st March ...	104	Do.	8-30	1½	...	1 T. Murugan ...	26
17th May ...	165	Do.	21	6	...	2 Narayanaswami ... and Manickam ...	35 36

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Hand Jumper Cooly ...	In Cage, Richard's Shaft	VI	His arm somehow protruded from the descending cage and was broken by coming in contact with the shaft timbers.	Fracture of left humerus.
Timber Cooly ...	1,840 feet level, between Richard's and Main Shafts.	XVII	He was struck by a trolly which left the rails when running down an incline.	Compound comminuted fracture of both bones of right leg and compound fracture of both bones of left leg. Died in hospital on 30th December.
Timber Cooly ...	Plat, 2,000 feet level Taylor's Shaft.	XI	When helping to lift a piece of timber, it fell upon his foot.	Laceration of dorsum of right foot.
Bar Cooly ...	No. 2 Crosscut West, 2,000 feet level, Ogle's Shaft.	XVII	A full bandy ran over his foot.	Severe laceration of left foot and compound fracture of 1st toe. Died of tetanus in hospital on 8th February.
Hand Jumper Cooly ...	No. 6 Bottom Stope, 2,000 feet level North, Ogle's Shaft.	XIX	While holding a bucket straight as it was being hoisted, his fingers were crushed.	Compound-fracture of right middle finger and laceration of index finger.
Hand Jumper Cooly ...	No. 2 Back Stope, 2,000 feet level South, Tennant's Shaft.	XIX	An air blast.	Compound fracture of right index finger and laceration of palm.
Fitter's Assistant .	Quartz yard (Surface).	XXII	His finger was jammed between two bandies.	Broken finger—amputated.
Pump Rod Roller Oiler ...	Below 270 feet level, Haines' Shaft.	XVIII	His hand was caught between the pump rod and a roller while oiling the latter.	Compound fracture of right 1st metatarsal bone and laceration of little finger.
Handleman (C. No. M. 3,574).	Drive South, 2,600 feet level, Ogle's Shaft.	XIII	Through boring into an old hole which contained a small amount of blasting gelatine.	Skin wound of face, injury to both eyes, wound on right foot, bone exposed and bruised, laceration of left forearm and punctured wound on left thigh.
Cotterman ...	Do.	Do.	Do.	Compound fracture of left thumb, middle, ring and little fingers, severe laceration and punctured wound of hand and arm. Skin wound of both knees and right hand.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night.)	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
27th May ...	182	The Balaghat Gold Mine, Bowringpet Taluk, Kolar District—(*contd.*)	16	1	...	1 C. Munisawmi ...	30
21st July ...	252	Do.	12	5	...	1 Kunjan ...	40
21st August ...	285	Do.	12-30	5½	1 Ramanjalu ...	...	28
20th September ...	315	Do.	13	6	...	1 Poker ...	32
3rd October ...	334	Do.	10	3	...	1 Hanumanthu ...	28
9th October ...	338	Do.	13	6	...	1 Moideen ...	35
20th November ...	380	Do.	11	4	...	1 Seetharam ...	24
22nd November ...	381	Do.	9-30	3½	...	1 A. Muniswami ...	12
25th November ...	385	Do. (*concld.*)	7-15	¼	1 Coonjee Ally ...		26
18th May ...	170	The Shimoga Gold Fields, Ld., Jalagargundi, Shimoga Taluk, Shimoga District.	10-30	3½	...	1 Jaganath ...	30
6th July ...	236	Do. (*concld.*)	8	1	...	1 Vencataswami ...	26
30th August ...	415	The Hajee Prospecting Syndicate, Limited, Hulikatte, Davanagere Taluk, Chitaldrug District.	15-30	6½	1 H. Chennappa ...	...	40

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Tramming Cooly.	Drive, 1,650 feet level South, Ogle's Shaft.	XIX	Whilst he was filling a truck from a shoot, a stone fell upon his hand.	Compound fracture of right middle and ring fingers.
Bar Cooly ...	Drive, 1,920 feet level North, Ogle's Shaft.	XIX	While tightening a machine bar, his finger was crushed between the ground and the bar of the lengthening screw.	Compound fracture of right thumb.
Timber Cooly .	No. 3 Bottom Stope, 1,850 feet level South, Ogle's Shaft.	XIX	An air-blast dislodged the timbers of a black rock box in the stope above, the debris falling on and burying him while at work in the ladderway pass leading to the level below.	Serious injuries to body.
Hand Jumper Cooly ...	No. 5 Bottom Stope, 2,000 feet level North, Ogle's Shaft.	XV	While drilling a hole in the stope, a stone from the hanging wall dropped on his foot.	Compound fracture of right 1st metatarsal bone and wounds of leg.
Handleman ...	End of Drive, 2,300 feet level North, Ogle's Shaft.	XIX	While removing loose ground, an air blast occurred and he was buried in the stuff that fell.	Simple fracture of right tibia, lacerated wounds of forehead and skin wounds of right and left forearms, hand, finger, thigh and ankle.
Hand Jumper Cooly ...	No. 5 Bottom Stope, 1,050 feet level, Tennant's Shaft.	XIX	While hammering a jumper, he missed it and struck his own foot.	Compound fracture of left 4th metatarsal bone.
Pipe Fitter Cooly.	Plat, 2,900 feet level, Ogle's Shaft.	VIII	He accidentally fell into the shaft from part way down.	Fracture of left humerus, right malar bone and ribs of right side, contusion of face.
Cooly ...	Quartz Yard (Surface).	XXII	His foot was run over by a bandy in motion while trying to set right the points over which it was required to pass.	Compound fracture of left little toe and wound of 4th toe, bone exposed.
Hand Jumper Cooly ...	Plat, 2,000 feet level, Taylor's Shaft.	VIII	Probably struck by a descending cage and knocked down the shaft.	Serious injuries to body.
Hand Jumper Cooly ...	Jalagargundi, No. 2 Main Shaft.	XIII	Drilling into a socket containing a small portion of an unexploded charge of gelatine.	Thumb of right hand blown off.
Timber Cooly ...	Sink, below 190 feet level, No. 1 Main Shaft.	VIII	When timbering in the shaft, he slipped and fell into the sink.	Dislocation of the hip joint and contusions on the back, left hand, and left thigh.
Cooly ...	About 100 feet from South end of Quarry No. II, 10 to 11 feet from surface.	XXIII	Due to the fall of the wall (or side) of a small open-working into which he had gone against orders.	Chest fractured by falling earth, right hand broken. Died instantaneously.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered Number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
13th January ...	414	The Siddarhalli Manganese Mines, Tarikere Taluk, Kadur District.	11	2	8 Anna Boyee ...	...	50
					Chowda ...	...	35
					Sunka ...	...	...
					Hoth Kencha ...	...	50
					Gandakatte Ranga.	...	20
					Latchma ...	...	26
					Dassa ...	...	21
					and		
					Lakshmakka ... (*Female.*)	...	18

OF MYSORE, DURING THE YEAR 1909—*continued.* Table 13—*(continued.)*

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Cooly ...	No. 1 pit open-working (Surface).	XXIII	The side of an open-working fell on and buried them while they were excavating manganese ore in the bottom of the pit.	Buried and suffocated by a fall of earth, etc.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.
Do.	Do.	Do.	Do.	Do.

RECORD OF FATAL AND SERIOUS ACCIDENTS.

[NON-MINING.]

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident.	Registered number of Accident.	Name and Situation of Mine.	Time of Accident (counting hours from mid-night).	Number of hours worked before Accident.	Names and number of persons killed. (*All males unless otherwise stated.*)	Names and number of persons injured. (*All males unless otherwise stated.*)	Reputed ages.
20th June ...	204	The Mysore Gold Mine, Marikuppam, Bowringpet Taluk, Kolar District.	11-30	...	1 Krishnaswami ...	...	13
24th September...	336	Do.	16-30	7½	1 Thumbuswami ...	...	12
25th November ...	337	Do. (*concld*).	16-30	7	...	1 Aithee (female) ...	25
22nd January ...	24	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District.	9	...	...	1 C. Munian ...	32
23rd November ...	397	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District.	10	3	...	1 N. Baleegadoo ...	35
6th August ...	270	The Balaghat Gold Mine, Bowringpet Taluk, Kolar District.	18	...	...	1 Joseph ...	10

OF MYSORE, DURING THE YEAR 1909.

Table 13A.
[Supplementary]

9	10	11	12	13
Occupation.	Place of Accident.	Class of Accident in terms of Table 7.	Cause of Accident.	Nature of Injury.
Unemployed ...	Near Crocker's Stores (Surface).	XXIII	Suffocated in a disused boiler in which he had lighted a fire.	Suffocated and burnt.
Stuff Cooly ...	Crocker's Tram Line (Surface).	XXII	While pushing a truck, one of the wheels went over his foot.	Unknown ; he died in his village.
Sweeper ...	Ribblesdale's Dump (Surface).	XXIII	While tampering with a detonator, it exploded.	Part of left index finger and thumb blown off; and laceration of middle finger.
Mestri (C. No. M. 2964).	D. Block Lines (Surface).	XXIII	When scraping out a detonator, it exploded.	Compound fracture of left thumb, index and middle fingers.
Sweeper Mestri ...	Plat at the 2,110 level, Oakley's Incline Shaft.	XI	While whitewashing one of the underground landing stations, some lime fell into his eye.	Old injury of right eye and traumatic cataract.
Chokra at Miner's Mess.	Near Cooly Lines at the back of Taylor's Shaft.	XXIII	While tampering with a detonator, it exploded.	Part of left hand blown off.